Form approved. Budget Bureau No. 42-R1425.

# UNITED STATES

		ED STATES	reverse sid	1e)	1000 1000 1000 1000 1000 1000 1000 100				
	DEPARTMENT	OF THE INTER	HOR		5. LEASE DESIGNATION AND SERIAL NO.				
	GEOLO	SICAL SURVEY			14-20-603-700				
A DDI ICATION	I FOR PERMIT T	O DRILL DEEDE	N OR PILIG R	A CK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
······································	4 I OK I LIMINI I	O DIVILL, DELI L	IN, ON I LOO DA	TCN	∰ BNAVAĴO BOĞĞĞ				
1a. TYPE OF WORK	LL X	DEEPEN	PLUG BAC	к 🖂 🗆	7. UNIT AGREEMENT NAME				
b. TYPE OF WELL	LL (A)	DLLI'LIN [	I LOG DAG	ار لسا ۱۳۰۰ اور					
OIL GA		. ST	NGLE X ZONE	в П	S. FARM OR LEASE NAME				
WELL LX WI 2. NAME OF OPERATOR	en. OTHER	20)	, N CALL 2011		SOUTHEAST McELMO CREEK				
T⊥	IE SUPERIOR OIL	COMPANY		ere :	9. WELL NO.				
3. ADDRESS OF OPERATOR	IL SUFERIOR OIL	CONTAIN			#28-23 E				
	O DDAMED ICE	CODTEZ COLODA	100 DA	goli	10. FIELD AND POOL, OR WILDCAT				
4 LOCATION OF WELL (Re	O. DRAWER 'G',	in accordance with any S	tate requirements.*)		menu				
At enrêgea				Š	SOUTHEAST MCELMO CREEK FIEL 11. SEC., T., R., M., OR BLK.				
10	554' FWL, 1711'	Lar NE 200	•	3	AND SURVEY OR AREA				
At proposed prod. zon				57/ 25	SEC. 28, T41S, R25E				
	ame as surface	EST TOWN OR POST OFFICE	1*	, i.5 , i.e.	-12. COUNTY OR PARISH   13. STATE				
			<u>.</u>		[편 黃語 - 경 - 七 - 1 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				
	S S-SE of Aneth,		. OF ACRES IN LEASE	17 NO 4	OF ACRES ASSIGNED.				
15. DISTANCE FROM PROPO LOCATION TO NEAREST	r.				HIS WELL				
PROPERTY OR LEASE L (Also to nearest drig	, unit line, if any)	929' North	640		80 7 7 7				
18. DISTANCE FROM PROP TO NEAREST WELL. D	OSED LOCATION* RILLING, COMPLETED, NO	wells on lease	OPOSED DEPTH		Potany				
OR APPLIED FOR, ON THE	<sup>is lease, ft.</sup> 1880' NV	lacross lease	5480	1 2	Rotary 등 등문항				
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)	line	C. P.	Poster Schalas	22. APPROX. DATE WORK WILL START*				
4572' Ungrade	ed ground level			<u> </u>	= 0ctober 31,1979				
23.	_	ROPOSED CASING AND	CEMENTING PROGRA	м 🗒 🗒	- [발발 - [발] - [발발 - [발] - [발] - [발] - [발] - [weber - [we				
	•			1 9 J	THE COLLANS OF COLUMN 1				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	<u></u>	QUANTITY OF CEMENT A S				
17-1/2"	13-3/8"	48#	100'		150 sx				
12-1/4"	8-5/8"	24#	]328'	2 H	850 sx				
7-7/8"	5-1/2"	14 & 15.5#	5480'	<u> </u>	250 sx				
	1	 		. I	\$ 75 . 5 \$ \$ \$ 5				
1. Drill 17-1,	/2" hole to 100'	. Set 13-3/8"	casing to 100'	and c	ement to surface with 150				
sacks.				. Š .	[취임] (14 등등) 기술 (15 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·				
2. Drill 12-1,	/4" hole to 1328	3'. Set 8-5/8"	casing to 1328	'and	cement to surface with				
850 sacks.	NU BOPS.			사 꽃.	·후 항회 : 및 볼륨 · 유성당 : 1 · · · · · ·				
3. Drill 7-7/8	B" hole through	Desert Creek to	o approximately	5480'	. 150' of core to be cut in				
Desert Cree		•		94 3	TOLLOW				
4. Log well.			₹	52). 50, 50,					
5. Set 5-1/2"	casing at 5480	and cement wit	th 250 sacks.		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				
6. Perforate I	Desert Creek and	i stimulate base	ed on log evalua	ation.	(m) 0/1/07 (m)				
			-		1 6 0 3 C				
	•			3	\$ 0.00 F				
					1/2/ 1/1/1/1/1/2/				
			•	5					
				14.7					
	e proposed program: If	managalia ta daarar a= =	lng hack give data on n	resent nro	ductive zone and promosed new productive				
IN ABOVE SPACE DESCRIBI	drill or deepen directions	proposar is to deepen or p lly, give pertinent data o	on subsurface locations an	id measure	ed and true vertical depths. Give blowout				
preventer program, if an									
24.	0 0, 4								
cime	s R. Oberlan	der	Engineer		DATE Oct. 16, 1979				
	R. Oberlander	TITLE			VALE				
(This space for Fede	eral or State office use)								
PERMIT NO.			APPROVAL DATE	· .					
APPROVED BY	AL TE ANY	TITLE			DATE				

Orig + 3- USGS, State - 2, T. W. Cooley, C. R. Coffey, W. H. Speers, Dick Keelan, W. N. Mosley, Navajo Tribe, H. Haven, Exxon Company, USA, Central File, File

#### SUPPLEMENT TO FORM 9-331C

WELL: Southeast McElmo Creek #28-23

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

UNPREPARED GROUND SURFACE ELEVATION: 45711

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4584')

> Chinle 1296' DeChelly 23491 Ismay 51721 Gothic Shale 53231 Desert Creek 5343' Chimney Rock 5473' TD 5480'

WATER BEARING FORMATIONS:

Water is expected to be encountered intermittently

from 400' to 1296'.

HYDROCARBON BEARING FORMATIONS:

Oil and gas are expected to be encountered

intermittently from 5343' to 5473'.

MUD PROGRAM:

Surface to 2000' - Water

2000' to 4900' - Lignosulfonate or similar mud system;

no water loss control, weighted as necessary

with Barite.

4900' to TD - Lignosulfonate or similar mud system; 15 cc

water loss, weighted as necessary with Barite.

CEMENT PROGRAM:

Conductor - Cement to surface with 150 sx B.J. Light with

Class 'B' cement containing 4% gel and 2% CaCl.

Surface - Cement to surface w/750 sx B.J. Light w/10#/sk Gilsonite, followed w/100 sx Class 'B' Neat w/2%

CaCl at 15.6 ppg.

Production - 250 sx Class 'B' with 5#/sk salt, 1/2#/sk Firm

set and 3/4% CFR-2.

LOGGING PROGRAM:

CNL-FDC, Sonic - TD to 1328'

DLL. MSFL and Velocity - TD to 4400'

CORING PROGRAM:

150' to be cut in Desert Creek

PRESSURE CONTROLS:

Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled.

The schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual

inspection.

ANTICIPATED STARTING DATE: October 31,1979

DURATION OF DRILLING OPERATION: 21 days

## THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ, COLORADO 81321
October 16, 1979

Mr. David Maldonado
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Re: Surface Use Development Plan Proposed Well Southeast McElmo Creek #28-23 1654' FWL, 1711' FSL Section 28, T41S, R25E San Juan County, Utah

Dear Mr. Maldonado:

The "Surface Use Development Plan" for the proposed Superior's Southeast McElmo Creek #28-23 is as follows:

- 1. The existing roads and the location of the main highway exits are shown on the attached road and pipeline plat.
- 2. The proposed drilling pad will be adjacent to the existing road and will not require an access road.
- 3. The location and status of wells in the vicinity are shown on the attached road and pipeline plat.
- 4. The location of any production facilities, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line from the proposed well will run 200' west to a new tank battery, the area of the tank battery being approximately 100' X 300' where the oil, gas and water will be separated. If the new production facilities are required, a detailed building plan will be submitted for approval. A new 4" oil line, 4" water line and 6" gas line are proposed from the new tank battery to the existing Southeast McElmo tank battery gathering system.
- 5. Water for drilling operations will be obtained from the San Juan River.
- 6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.

- 7. Waste materials will be collected in earth pits. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.
- 8. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
- 9. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of sparse desert type ground cover and Tamarisks. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction and material site or road used in transportation of material.
- 10. The drilling pad will be approximately 300' west of a man-made earthern dam.

Very truly yours,

THE SUPERIOR OIL COMPANY

James R. Oberlander

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by THE SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

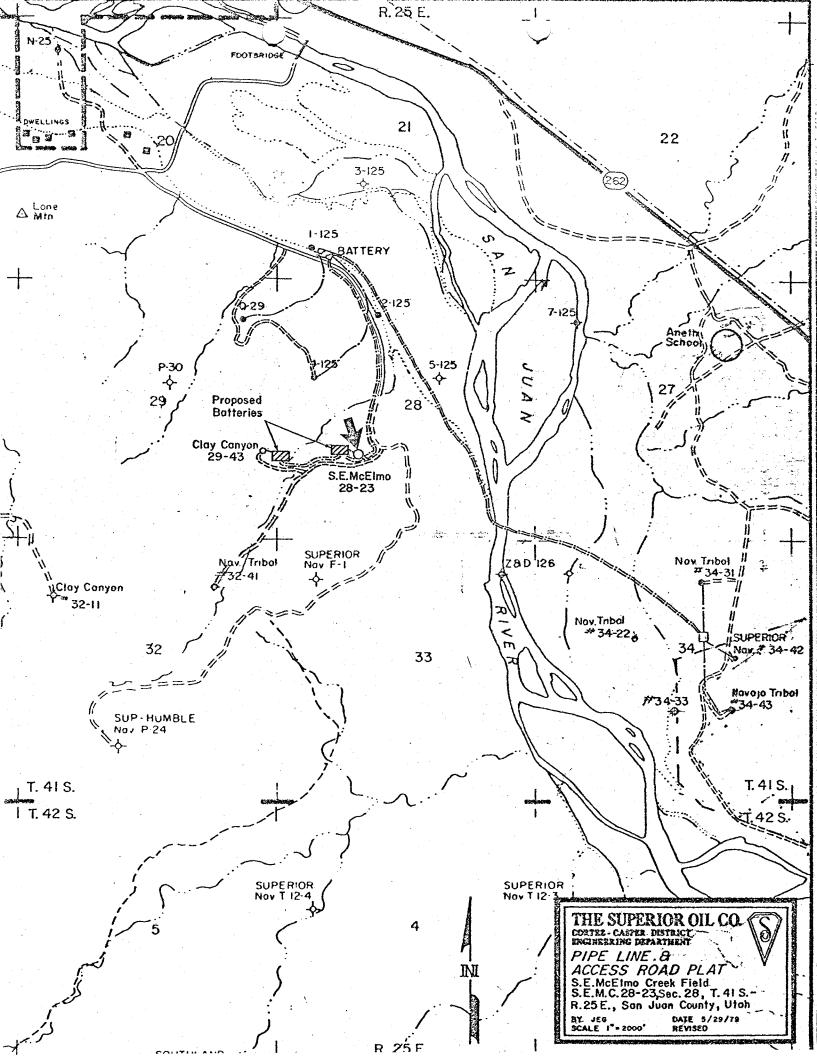
Oct. 16- 79

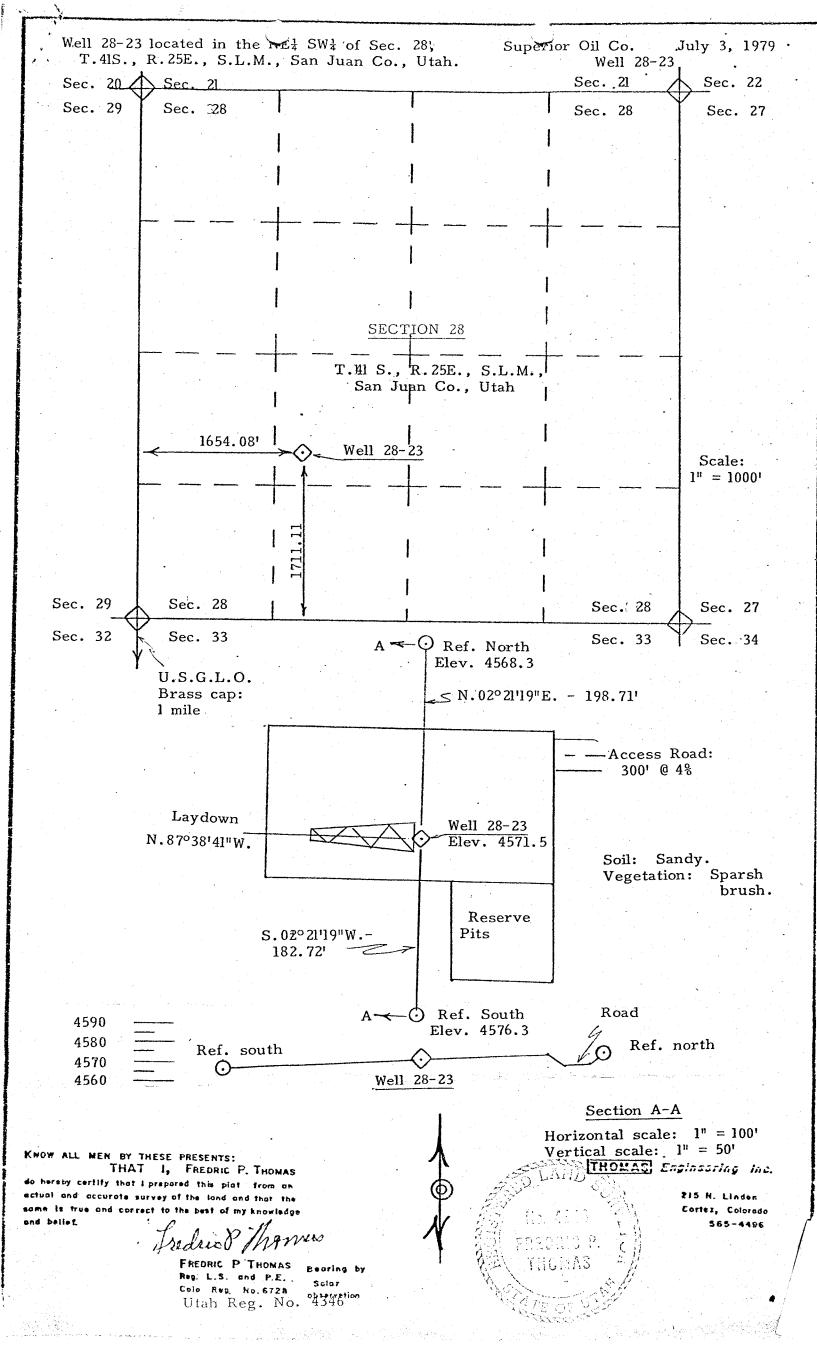
Date

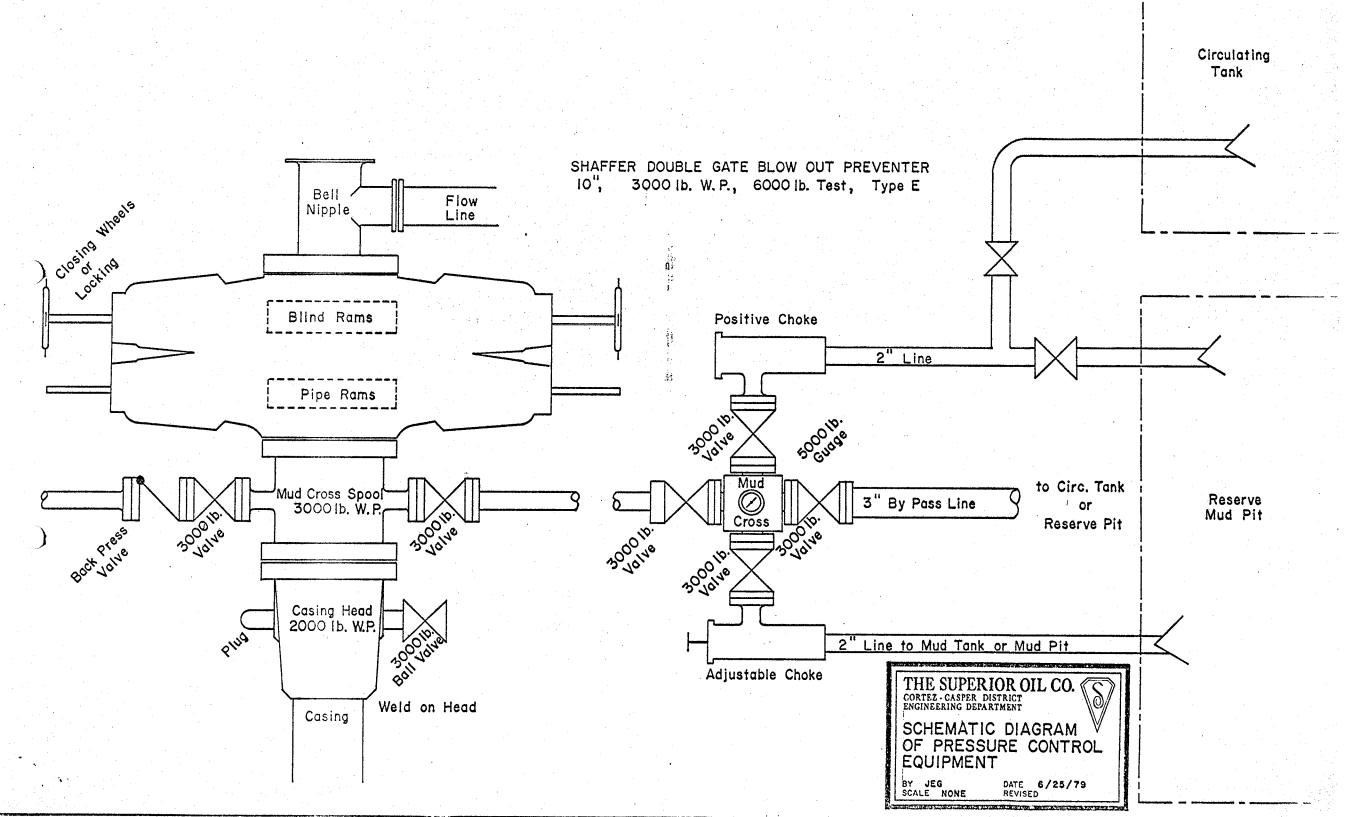
wm. H. Edwards

Area Production Superintendent

Mothelwere

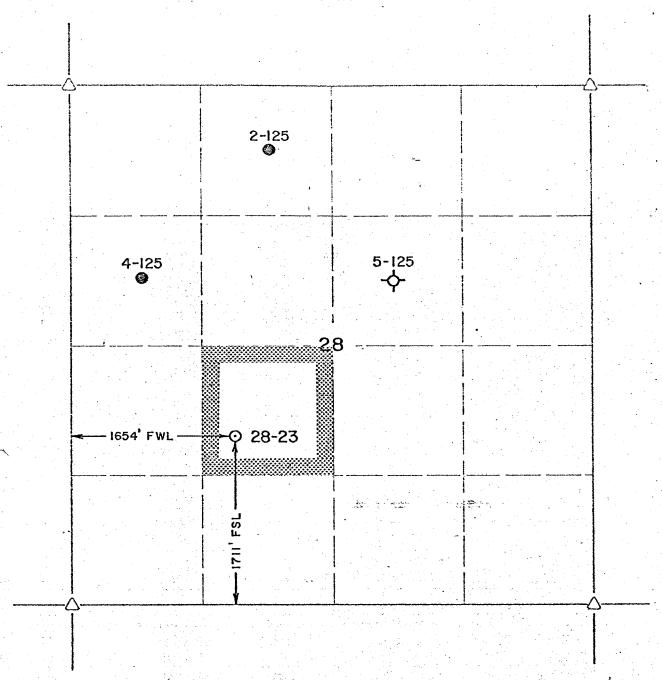






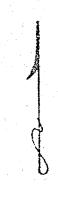
# THE SUPERIOR OIL COMPANY Operator

Well No. S.E.M.C. 28-23



NE/SW SECTION 28, T41S, R25E S.E. McElmo Creek Field



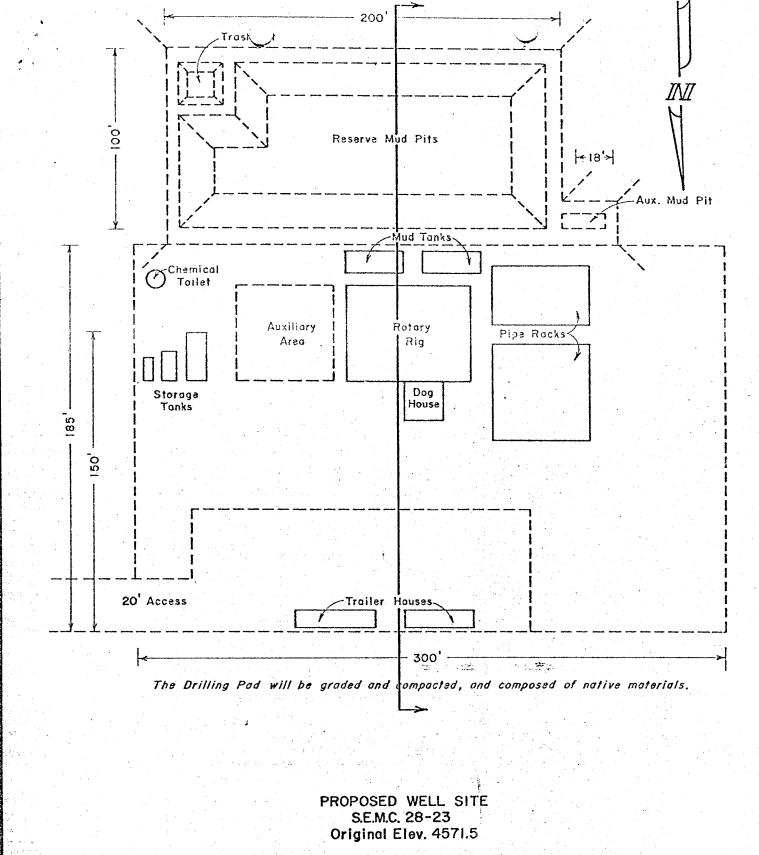


Scale | " = 1000"

O Location

Ø Well

Injector



Reserve Mud Pits Cellar

Original Contour

Reference Point

Graded Proposal

THE SUPERIOR OIL CO.

CONTEZ-CASPER DISTRICT
ENGINEERING DEPARTMENT
RIG LAYOUT & DRILL
PAD CROSS SECTION
S.E.M.C. Well No. 28-23
S.E.McELMO CREEK FIELD
BY JEG DATE 6/28/79
SCALE 1" + 50' REVISED

\*\* FILE NOTATIONS \*\*

DATE:	: October 35, 1979		
Opera	ator: Me Superior	Oil Company	
		emo Creek # 28-23	
Loca	tion: Sec. <u>28</u> T. <u>415</u> R	R. <u>35E</u> County: <u>San Juan</u>	
File	Prepared: / /	Entered on N.I.D.:	
	Indexed: / /	Completion Sheet:///	
	API Numb	per 43-037-30511	
CHEC	KED BY:		
	Geological Engineer:		
	Petroleum Engineer:		)
	Director: OK In Dea	logual of Tapographial exception of 2 to	- 1 ~
APPR	OVAL LETTER: lesses when a letter so she	ela of well 7 well soppy furnish drie	1
	Bond Required:	Survey Plat Required:	
	Order No	0.K. Rule C-3 [/	
生み	Rule C-3(c), Topographic Exce within a 660' ro	eption/company owns or controls acreage adius of proposed site	
shlement	Lease Designation And	Plotted on Map	
	Approval Let	ter Written	
/		btw	

SCOTT M. MATHESON Governor

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director

## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

November 1, 1979

The Superior Oil Company P.O. Drawer "G" Cortez, Colorado 81321

Re: Well No. Southeast McElmo Creek #28-23 Sec. 28, T. 41S, R. 25E., San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that The Superior Oil Company owns or controls the acreage within a 660' radius of the proposed well site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER Geological Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30511.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder Geological Engineer

/btm

cc: Phil McGrath USGS

#### THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ. COLORADO 81321

January 3, 1980

Michael T. Minder Geological Engineer Division of Oil, Gas & Mining 1588 West North Temple Salt Lake City, Utah 84116

Re: Southeast McFlmo Creek #28-23

Section 28, TAIS, R25E SLM Sen Juan County: Utah

San Juan County, Utan 1654' FWL. 1711' FSL\*

Dear Mr. Minder:

Superior Oil controls all oil and gas mineral rights within a 660' radius of the reference well. Superior Oil is designated as operator of the south half of Section 28, but are currently waiting on written designation by Exxon Company, USA. As soon as this office receives the written designation it will be forwarded on to your office and the U.S.G.S.

Very truly yours,

THE SUPERIOR OIL COMPANY

Wm. H. Edwards

Area Production Superintendent

Edward

JRO/sc

cc: U.S.G.S., Farmington

REGISTIVE ()
JAN 7 1980

CIL, GAS & MINING

## UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

- 1	5. LEASE	
	14-20-603-700	
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
nt	7. UNIT AGREEMENT NAME	
	8. FARM OR LEASE NAME SOUTHEAST MCELMO CREEK	
	9. WELL NO. #28-23	
	10. FIELD OR WILDCAT NAME SOUTHEAST MCELMO CREEK	FIELI
7	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28, T41S, R25E	
	12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH	
.,	14. API NO. 43-037-30511	
	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4572' UNGRADED G.L.	

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a difference reservoir. Use Form 9–331–C for such proposals.) 1. oil gas X other well well 2. NAME OF OPERATOR SUPERIOR OIL COMPANY 3. ADDRESS OF OPERATOR (ZIP 81321) O. DRAWER 'G', CORTEZ, COLORADO 4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 1 below.) 1654' FWL, 1761' FSL AT SURFACE: AT TOP PROD. INTERVAL: Same as Surface AT TOTAL DEPTH: Same as Surface 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (NOTE: Report results of multiple completion or zone PULL OR ALTER CASING change on Form 9-330.) MULTIPLE COMPLETE CHANGE ZONES ABANDON\* (other) REQUEST FOR EXTENSION 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* A six month extension is requested for this well to keep the Application for Permit to drill valid.

Subsurface Safety Valve: Manu. and Type \_ 18. I hereby certify that the foregoing is true and correct TITLE Prod. Geologistate 12/30/80 (This space for Federal or State office use) APPROVED BY DATE CONDITIONS OF APPROVAL, IF ANY:

Orig. + 3 - USGS, State (2), C. D. Johnson, C. R. Coffey, W. H. Speers, Dick Keelan, W. N. Mosley, Navajo Tribe, Exxon
\*See Instructions on Reverse Side Exxon Co. USA, Central File,

# UNITED STATES

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	14-20-603-700
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GLOLOGICAL SONVET	NAVAJO
OUNDDY MOTIOTO AND DEPONTE ON WELLS	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
	S. E. McELMO CREEK
1. oil gas other	9. WELL NO.
2. NAME OF OPERATOR	#28-23
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	S. E. MCELMO CREEK
P. O. DRAWER 'G', CORTEZ, COLORADO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.)	SEC. 28, T41S, R25E
AT SURFACE: 1654' FWL, 1761' FSL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same as surface	SAN JUAN UTAH
AT TOTAL DEPTH: Same as surface.	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	43-037-30511
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	4571' Ungraded G. L.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	4571 Oligraded G E.
TEST WATER SHUT-OFF [X]	그리는 아이들은 사람들이 불어 없는 사람들은 그들이 하는 것이 없다.
FRACTURE TREAT	
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING  MULTIPLE COMPLETE	change on Form 9–330.)
CHANGE ZONES	이 그는 이 사는 그렇게 뭐라고 말하는 그를 취하고 있다.
ABANDON*	
(other)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	e all pertinent details, and give pertinent dates, irectionally drilled, give subsurface locations and
	it to this work.)* 그 등을 받았다. 그는 그는 그를 가장 있습니다.
1. Spudded 2-6-81. Drilled 18" hole to 82'.	그 그는 그는 그 살림속살하는 날리를 꿰끄었다는 그리고 된
2. Ran 13-3/8", 54.5#, K-55, ST&C conductor cas	ing to 82'. Cemented w/ 6 cu yds
ready-mix cement.	그는 이는 그 이 월일을 꽁캬다고 싫어요즘데 어느 하나 있다.
3. 2-9-81: Drilled 12-1/4" hole 1398' Ran 42 jts	s. 8-5/8" csg, 24#, K-55, ST&C w/ Davis
float shoe and collar. Cemented w/ 12 bbls m	
Gilsonite w/ .2% of A-2 Lo-dense, 2% CaCl, fo	ollowed w/200 sx class 'B' neat w/ 2%
CaCl. Max pump psi 500# at 6 BPM rate. Fina	al psi 1200#. Had full returns.
Mixed and pumped down annulus 125 sx. class	B' neat w/ 3% CaCl and circ. Good cmt
Hole stayed full. Cut off 13-3/8" & 8-5/8" (	
slip on csg head NSB - National, tested same	at 500#. OK. Installed BOP & nippled
up. Drilling ahead.	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
Substitute Salety Faire. Manu. and Type	2 2 3 5 4 5 7 1 5 7 1 Ft.
18. I hereby/certify that the foregoing is true and correct	
SIGNED H. W. Haven TITLE Prod. Geolog	ist DATE Feb. 19, 1981 (61.17)

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_\_\_CONDITIONS OF APPROVAL, IF ANY:

\_\_ TITLE \_

Orig + 5 - USGS, State - 2, Navajo Tribe, Exxon, C. D. Johnson, Reg. Group,

H, W, C

FILE IN QUADRUPLICATE FORM OGC-8-X

> STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116

## DUDING DOTLLING

Well Name & Number:SOUTHEAST McELM	O CREEK #28-23	
Operator: SUPERIOR OIL COMPANY	Address: P.O.	DRAWER 'G', CORTEZ, COLO.8132
Contractor: BAYLESS DRILLING CO.	Address: <u>216</u>	S.Hill, Farmington, N.Mex.8740
Location NE 1/4 SW 1/4; Sec. 28	T. 41 XX, R. 25 E;	San Juan, Utah Count
<u>Mater Sands</u> :		
<u>Depth</u> :	<u>Volume</u> :	<u>Quality</u> :
From- To- I	Flow Rate or Head	Fresh or Salty
1. 600' - 660'	6" stream	Fresh
2.		
3.		
5.	(Continue on Reverse S	Side if Necessary)
Formation Tops: Chinel at 1328'		(611120)
		RECEIVED

Remarks:

Upon diminishing supply of forms, please inform this office. MOTE: (a)

Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

DIVISION OF OIL

If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form 9–331	Form Approved.
Dec. 1973 UNITED STATES	5. LEASE \$ 50 0 6 8 8
DEPARTMENT OF THE INTERIOR	14-20-603-700
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVEY	NAVAJO 35 8 35 8
OUNDRY MOTIOFO AND DEPOSITE ON WELLS	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
	SOUTHEAST MCELMO CREEK
1. oil gas control well well other	9. WELL NO. 2 5 3 4 9 7 5
2. NAME OF OPERATOR	#28-23 # 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1
SUPERIOR OIL COMPANY	10. FIELD OR WIEDCAT NAME
3. ADDRESS OF OPERATOR	SOUTHEAST MCELMO CREEK
P.O.DRAWER 'G', CORTEZ, COLORADO 81321	11. SEC., T., R., M. OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA ELET DE DE SERSE
below.)	SEC. 28, CTAIS, R25E
AT SURFACE: 1654' FWL, 1761 FSL	12. COUNTY OR PARISH 13 STATE
AT TOP PROD. INTERVAL: Same	SAN JUAN 등 물리 UTAH 용당 클램
AT TOTAL DEPTH: Same	14. API NO. If the property of
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DE KOB AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	4571' G. E. E. G. B. 5 6
TEST WATER SHUT-OFF	
FRACTURE TREAT	BORTA GENERAL
1918	
REPAIR WELL	MAR Report results of multiple completion or zone
	MAR Atageon Form 9-330.17 Find the bridge
MULTIPLE COMPLETE	Month of the state
ABANDON*	DIVISION OF THE PRINT
(other) Subsequent Report O	L, GAS & MININGS TO THE SECOND
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d	e all pertinent details, and give pertinent dates, lirectionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertiner	nt to this work.)*
. 2-19-81: Drilled 7-7/8" hole to 5480' Ran S	P-DIL, BHC Sonfic & GR-FDC-CNL.
	ورث فال مناسب سر
. 2-20-81: Ran 148 jts 5-1/2", 15.5#, K-55 ST&	t, kge 2 & 3, weth Day 15 grows 10dt Shoe
and collar. 800 gal mud sweep ahea	or 295 SX CldSS b Cellenc w/ 5/4
of 1% D31 slurry wt. 15.8#, max pu	Had full waterns while miving an
plug w/ fresh wtr w/ 2000#. Held OK pumping. Cut off 8-5/8" csg. Inst	. nau turrenegamis winte mixing and
10" X 3000# bottom flange & 6" X 30	affed a National man to
700#. OK. Nippled up 10" X 5000#	Shaffon INS BOD TO THE TOTAL TO
	ty GP Csa Collar Log Excellent
	and the state of the contract of the state of the contract of the state of the contract of the
bonding. . 2-23-81: Perforated Desert Creek from 5360'	_ 5408' w/ 2 iet shots/ft ខែក
. 2-23-61. Perforated besert Greek from 3300	- J400 W/ 5 85 8 3 1005, 80 12
	Uprigital booking to have the harmon to have the ha
Subsurface Safety Valve: Manu. and Type	Ft.  Ft.  Ft.  Ft.  Ft.  Ft.  Ft.  Ft.
18. I hereby certify that the foregoing is true and correct	
	ist pare = 2-27-81 = 25 25 25 25 25 25 25 25 25 25 25 25 25
SIGNED Home title Prod. Geolog	ist DATE =2=27-81 3 8 8 8

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Orig + 5 - USGS, State - 2, Navajo Tribe, Exxon, C. D. Johnson, Reg. Group

Central Files - H,W,C

5. LEASE 14-20-603-700

# UNITED STATES DEPARTMENT OF THE INTERPORT

GEOLOGICAL SUPERIOR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND EPORTS ON WELLS  (Do not use this form for proposals to the to deepen of plus back to a different	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to the to deepen of plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas other ONISION OF ONE OPERATOR	SOUTHEAST McELMO CREEK
1. oil gas well other  2. NAME OF OPERATOR SUPERIOR OIL COMPANY OIL, GAS & MINING	9. WELL NO.
2. NAME OF OPERATOR	#28-23
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME SOUTHEAST MCELMO CREEK
3. ADDRESS OF OPERATOR	
P.O. DRAWER G, CORTEZ, COLO. 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	Sec. 28, T41S, R25E
below.) AT SURFACE: 1654' FWL, 1761' FSL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same	SAN JUAN UTAH
AT TOTAL DEPTH: same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-037-30511
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4571' ungraded G.L.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT $\square$ SHOOT OR ACIDIZE $\square$	E. Communication of the Commun
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
MULTIPLE COMPLETE	
ABANDON* □ 🕅	
(other) Temporarily Abandoned	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinen	rectionally drilled, give subsurface locations and
Psi. All had 600 Scf/bbl N <sub>2</sub> . Flo	190 bbls. acid at 5 BPM rate at 3300 owed back N <sub>2</sub> and no fluid. Pumped 96
w/ 4000 gals. 28% MSR 100 w/500	' & tested to 500 PSI. OK. Ran 5322'-5342' w/ 2 JSPF. Acidized Perfs SCF/ bbl N <sub>2</sub> , at 5 BPm, MP 3500 PSI,
on btm. No fluid Rec.	in. SIP 200 PSI. Jetted Tbg. w/N <sub>2</sub> r. Set anchor @ 5281'. ND BOP, NU
flange & landed tbg. w/ 10,000# Cleaned location.	tension. Shut well in. T.A.
Cleaned location.	
	C++ @ Ft
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED H.W. Hayen TITLE PRODUCTION GEO	LOGISTATE
(This space for Federal or State off	ice use)
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	

Orig + 5 - USGS, State - 2, Navajo Tribe, Exxon C. D. Johnson, Reg. Group - H,W,C, Central Files - H, W, C.

5. LEASE 14-20-603-700

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	a -relian
UNITED STATES	
DEPARTMENT OF THE INTI	ERIOR 1
GEOLOGICAL SURVEY	

	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
	RY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
	this form for proposals to drill or to deepen or plug back to a different e Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME SOUTHEAST MCELMO CREEK
1. oil well X	gas uell other	9. WELL NO. #28-23
	OF OPERATOR	10. FIELD OR WILDCAT NAME
3. ADDRE	SS OF OPERATOR  DRAWER C. Conto. CO. 81321	SOUTHEAST MCELMO CREEK
	DRAWER G, Cortez, CO 81321 ION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.)		Sec. 28, T41S, R25E  12. COUNTY OR PARISH 13. STATE
	RFACE: 1645' FWL, 1761' FSL P PROD. INTERVAL: Same	SAN JUAN UTAH
	TAL DEPTH: Same	14. API NO.
	APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, RT, OR OTHER DATA	43-037-30511 15. ELEVATIONS (SHOW DF, KDB, AND WD) KB - 4585.6 GL- 4571'
	FOR APPROVAL TO: SUBSEQUENT REPORT OF:	- 5
FRACTURE	ER SHUT-OFF LI LI TREAT	
SHOOT OF REPAIR WI PULL OR		(NOTE: Report results of multiple completion or zone change on Form 9–330.)
MULTIPLE CHANGE 2	COMPLETE	
ABANDON'		
امدرام سنا	RIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stating estimated date of starting any proposed work. If well is dured and true vertical depths for all markers and zones pertiner	irectionally dillied. give subsurface locations and
1.	Circulate Hole clean. Run GR/DDL/CBL/VI 5360-5408' w/ 2 jspf. Acidize Zone w/80 and evaluate.	OL. Perforate DC II Zone OOO gals at 3-5 BPM. Test
2.	Isolate 5360-5408' interval. Perforate w/ 4000 gals at 305 BPM. Test and evalu	5322-5342' w/ 2 jspf. Acidize uate.
3.	RIH w/ Production Equipment.	
Subsurfac	e Safety Valve: Manu. and Type	9-16-8/ St. St. Minde
18. I here	by-certify that the foregoing is true and correct	Visit 19
SIGNED 1	D.T. BLANSCET	ION ENGINEER 8/4/81
	(This space for Federal or State of	
APPROVED CONDITION	BY TITLE S OF APPROVAL, IF ANY:	DATE
Oria +	5 - USGS. State - 2. Navajo Tribe, Reg. (	Group, Central Files - H, W, C

# SUBMIT IN DUPLICA ) STATES

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	DEPA		ENT O				ζ .		ions on e side)	5. LEASE DESIG	INATIO	N AND SER	IAL NO.	
		GE	OLOGICA	AL SU	RVEY			ļ		14-20-6	03-	700		
										6. IF INDIAN,	LLUTI	EE OR TRIB	E NAME	
WELL CO	MPLETIC	on o	r recon	MPLET	ION F	REPORT A	AN	D LOG	j Ť	NAVAJO	*			
1s. TYPE OF WEL			GAS WELL			Other		:		7. UNIT AGREE	MENT	NAME		
		WELL A	A WELL	ם נ	DRY L	Other		1		1 2 3 5 5	4.			
b. TYPE OF COM	PLETION:	DEEP-	TI PLEG T	ם ך	F. 🗀	E	5			S. FARM OR LE	AGR N	AME		
WELL LXX	OVER	EN L	BACK [	RES	VR.	Other					* .	7	חברע	
2. NAME OF OPERAT	OR.					1 - , ,		<u>:</u>		SOUTHEAS	I MC	SELMU C	KEEK	
SUPERI	OR OIL			: :	$ ilde{\omega} \odot  ilde{\omega}$	l line	<u>~</u>			9. WELL NO.				
3. ADDRESS OF OPER	ATOR					1 1	5.	i		#28-		,		
•		Cort	ez, CO	81321		i .	ૢૻ૽	1		10. FIELD AND	POOL,	OR WILDCA	r	
4. LOCATION OF WEI	J. (Report )	location cl	early and in a	ccordanc	e with an	y State requir	emen	(8)*		SOUTHEAS	T Mo	ELMO C	REEK	
			61' FSL:		Ų.	į	-	1		11. SEC., T., R.,				
i e								•		OR AREA	,	سپ ہ		
At top prod. int	erval report	ed below	Same		1 1					11.5	2,			
	_				in English			1		SEC. 28,	Ξ. Τ/I·	C D25	F	
At total depth	Same		- <del> </del>				D 4 T D	ISSUED		12. COUNTY OR		13. STAT	<u></u>	
<b>)</b>				14. PI	RMIT NO.					PARISH	- (*)	17	-	
					-37 - 30			1-79		I SAN JUAN		I UTAH		
15. DATE SPUDDED	16. DATE	T.D. REACH	ED   17. DATE	E COMPL.	(Ready to	prod.)   18.	ELEV	ATIONS (D	P, RKB,	RT, GR, ETC.)*	19, EL	EV. CASINGI	1EAD	
2-6-81	2-19-	81	3-4	1-81		KE	3-45	85.6 G	L-45	57 <b>1</b> - 53	-	8 3 % F 0	<u> </u>	
20. TOTAL DEPTH, MD			CK T.D., MD &			TIPLE COMPL.		23. INTE		ROTARY TOOLS		CABLE TO	OLS	
5480 <b>'</b>	.	543	51		HOW M	ANY	X.	DRIL	LED BY	I ATT	21			
24. PRODUCING INTER	VAT (S) OF			BOTTOM	NAME (N	(D AND TVD)*	12	<u> </u>	<del></del>		25.	WAS DIRECT		
				, 20110	, (-		/-5 4-1	i			144	SURVEY MA	DE	
Desert Cre							Par Maria	i			5 ,		4	
Desert Cre			16'			!		<u>!</u>		<u> </u>	7 77	S WELL COR	ED 13	
26. TYPE ELECTRIC A							2 % 5 %	}		Tarrela 1	₹.			
CNL/FDC, D	IL/SFL,	BHC,	GR/CCL/C	CBL/VD	L	: 1	· · · · ·	!	- 1			<u> १० ३ इ.स.</u>		
28.		·				ort all strings	set i	n well)		- = = : <u>.</u> ≡		4 7 7 7 7		
CASING SIZE	WEIGHT	, LB./FT.	DEPTH SE	T (MD)	но	LE SIZE	. 25	CEM	ENTING	RECORD	_	AMOUNT P	JLLED !	
13-3/8"	48#		100'		18	3"	Rec	limix t	to Surface: None					
8-5/8"	24#		1400'		12-1	/ <u>/</u> 11		) sxs (				None	- !:	
5-1/2"		15.5#	5480'			7/8"				lass 'B' None			Ξ	
<del></del>	17 α	13.3π	1-3400		-	70		;	0.00		!_			
¥ :			1				-	30.		TUBING RECOR		2. <del>2</del> (4 10 14		
29.			ER RECORD			:		-		<del></del>		PACKER SET		
81ZE	TOP (MD)	BO:	rtom (MD)	SACKS C	EMENT*	SCREEN (M	D) ·	SIZE	— -	DEPTH SET (MD)				
			*		· ·	·		2-7/8"	_	5421				
						1	No.	!		18 H 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.	는 <del>현</del> 후 등 등	<u></u>	
31. PERFORATION REC	ORD (Inter	val, size a	nd number)		:	82.	AC	ID, SHOT,	FRAC	TURE, CEMENT	SQUE	EZE, ETC.	=	
5000 54001					~	DEPTH INT	ERVA	L (MD)		AMOUNT AND KIND OF MATERIAL USED				
5360-5408'						5360-54	408	i	Ac	dized w/80	00	ja Is 🤃 🖹	-	
5322-5342	at 2 js	pt				5322-53		·		dized w/40				
										B		5 - n	-	
1						I						t = 23 L	<del></del>	
					***			;	<u> </u>					
33.*						DUCTION		<u> </u>		9 ( \$ a ja -		( Producing		
DATE FIRST PRODUCT	ION	PRODUCTION	ON METHOD (1	Flowing, g	gas lift, p	umping—size	and t	ype of pum	ip)			(Producing		
No Fluid E	ntry					,	7 4	1		่ ≣ รหับ์†ื−	<u> </u>	e i d je		
DATE OF TEST	HOURS TE	STED	CHOKE SIZE		N. FOR	OIL-BBL.	j ::	GAS-MC	F.	WATER-BBL.		AS-OIL RATI		
:	l	1		12.51	PERIOD	- 1	128 H			The section of the se	, S 🗀		s (2) a c	
FLOW. TUBING PRESS.	CASING P	RESSURE	CALCULATED	OIL-	BBL.	GAS-	MCF.		WATER	BBL. 0		AVITY-API (C	ORR.)	
1			24-HOUR RAT	<b>F</b>		2111		1 1	- 6	- 養見等子具体系		E : 5 = 5 :		
34. DISPOSITION OF G	1 (8013 m	ed for tue	nented, etc.)		<del></del>	1 1	# 55 E 1	1.		TEST WITNESS			٠.	
OF DISCOSITION OF G	W (41111 W) WA		.,					İ		· 接触医量量数	٠		-	
			<u> </u>					<u> </u>			: E :			
35. LIST OF ATTACH	MENTS		•		الشية			į ·		- Hade abou	in E	ar Buil	5	
							52			7,7,275, 715	) <u> </u>		7-2.	
36. I hereby certify	that the fo	regoing a	nd attached in	nformatio	n is comp	lete and corr	ect as	determine	d fron	all available rec	OLG8			

TITLE SR. PRODUCTION ENGINEER AUG. 4, 1981

# INSTRUCTIONS

If not filed prior to the time this summary record is submitted copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency. submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. and/or State office. or both,

should be listed on this form, see item 35. or Federal office for specific instructions.

tem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

tems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing nterval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for items 22 and 24 above.) or each additional interval to be separately produced, showing the additional data pertinent to such interval. Submit a separate completion report on this form for each interval to be separately produced.

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GEOLOGIC MARKERS	ļ				Shale			.5.1	Shi	10.7	Tross	( S)	j. 3	sin.	0.20.55	
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38.			*	Chinle	Organ	Her	upper Lower	Goth	Des Chi					× ×		
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CORED INTERVALS AND ALL DRILL-STEM TESTS, INCLUDING AND SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, BIC.	_	<u>-</u> 2	<u>.</u> 8-	!											S. GOVERNMENT PRINTING OFFICE
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187. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF PORORITY AND CONTENTS THEREOF. DEPTH INTERVAL TESTED, CUSHIÓN USED, TIME TOOL OPEN. FLOWING	7		lΑγ	CREEK									31	72 -XI	12 F9 EF	
ARY tow A	FORMATION	Į.	ISMAY	Q.,	el a:	- - 15- 18-	ts Irais,		- D		HON	OF		, zi. is	- T. Co. 1917	36.
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			1600 20		•				7		·					

5. LEASE

14-20-603-700

# UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME SOUTHEAST MCELMO CREEK
1. oil gas well other  2. NAME OF OPERATOR	9. WELL NO. #28-23
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME SOUTHEAST McELMO CREEK
3. ADDRESS OF OPERATOR P.O.DRAWER 'G', CORTEZ, COLO. 81321 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
halow)	SEC. 28, T41S, R25E
AT SURFACE: 1654' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH
AT TOTAL DEPTH: Same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-037-30511
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 457]' Ungraded G. L.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	45/1 Oligitated at Et
TEST WATER SHUT-OFF	
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
PULL OR ALTER CASING U U MULTIPLE COMPLETE U	
CHANGE ZONES	And the second of the second o
(other) Temporarily Abandon	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	e all pertinent details, and give pertinent dates,
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is different measured and true vertical depths for all markers and zones pertined	nt to this work.)*
	an a
PROPOSED WORK	
<ol> <li>POH w/ tubing and tubing anchor.</li> </ol>	
2. Set CIBP at 5270'±.	
<ol><li>Dump 20 sx cement on top CIBP to temporari evaluation.</li></ol>	ly abandon pending further
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby-certify that the foregoing is true and correct	
SIGNED DI ANSCETT TITLE SR. PROD. EN	IGINEEBATE 9-22-81

Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Central Files - H, W, C

(This space for Federal or State office use)

\_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 18, 1982

Superior Oil
P. O. Drawer "G"
Cortez, Colorado 81321

Re: Well No. Southeast McElmo Creek #28-23 Sec. 28, T. 41S, R. 25E San Juan County, Utah

#### Gentlemen:

According to our records, a "Well Completion Report" filed with this office August 4, 1981, from above referred to well, indicates the following electric logs were run: CNL/FDC, DIL/SFL, BHC, GR/CCL/CBL/VDL. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well1 log shall be filed with the Commission together with a copy of the elctric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

<sup>(</sup>Cari Furse Clerk Typist

5. LEASE

# UNITED STATES

DEPARTMENT OF THE INTERIOR	14-20-603-700
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME SOUTHEAST MCELMO
1. oil gas other other	9. WELL NO. #28-23
2. NAME OF OPERATOR SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME SOUTHEAST MCELMO
<ul><li>3. ADDRESS OF OPERATOR</li><li>P.O. DRAWER "G", CORTEZ, CO 81321</li><li>4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17</li></ul>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.) AT SURFACE: 1654' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same	SEC. 28, T41S, R25E  12. COUNTY OR PARISH 13. STATE  SAN JUAN UTAH
AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	<b>14.</b> API NO. 43-037-30511
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4571 UNGRADED G. L.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
(other) Extension of Temporary Abandonment  17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	all pertinent details, and give pertinent dates
17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly State	e all pertilient details, and give pertians and

including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SUPERIOR OIL COMPANY requests that the subject well remain temporarily abandoned pending further evaluation as a possible injection level.

DIVISION OF OIL GAS & MINING

Orig + 5, State - 2, Navajo Tribe, Regulatory Group,	Joint Interest, Tites, it
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct  SIGNED TITLE PETROLEUM ENGINEER DATE	12-02-82
JAMES S. ANDRES  (This space for Federal or State office use)	
APPROVED BY TITLE DAT	TE

# STATE OF UTAH DIVISION OF OIL, GAS, AND MINING ROOM 4241 STATE OFFICE BUILDING SALT LAKE CITY, UTAH 84114 (801) 533-5771

FORM NO. DOGM-UIC-1 (Revised 1982)

Superior Oil Company DDRESS P.O.Drawer 'G'	TION OF	CAUSE NO				
Cortez, Colorado  NDIVIDUAL PARTNERSHIP OR ADMINISTRATIVE APPROVA NJECT FLUID INTO THE S.E. Mo EC. 28 TWP. 415 San Juan	Elmo #28-23 <b>well</b> range <u>25</u> E	DISPOSAL WELL LP GAS STORAGE EXISTING WELL (RU				
Jan Juan	COUNTY, UTAH					
	API	PLICATION				
Comes now the applicated in That Rule I-5 (g) (iv Gas storage operations 2. That the applicant storage is applicant storage.	) authorizes adminis i.		llowing: d rcovery injections, disposal or LP			
Lease Name Southeast McElmo	Well No. #28-23	Field S.E. McElmo	County San Juan Co. Utah			
Location of Enhanced Recovery 1654 Injection or Disposal Well	'FWL, 1761' FSL Sec.	28 Twp. 47	S <sub>Rge.</sub> 25E			
New Well To Be Drilled Yes ロ No 🔯	Old Well To Be Conve	erted Casing Tes	st Yes 10 No □ Date 2-21-87			
Depth-Base Lowest Known 1328   Fresh Water Within ½ Mile	Does Injection Zone C Oil-Gas-Fresh Water	Contain Within ½ Mile YES 🛣 NO 🗆	State What Oil & Gas			
Location of Fresh Wate Injection Source(s) San Juan	er wells near River	Geologic Name(s) Allu and Depth of Source(s) (Dept	vium h: 30')			
Geologic Name of Ismay & Des	ert Creek	Depth of Injection to 5408				
	322 b. Base of Fresh		Thickness (a minus b) 3994 1			
is the intervening thickness sufficient to without additional data?	show fresh water will be	e protected YES XNXX				
Lithology of Intervening Zones See	item 4 (II) on	ı attachment I				
Injection Rates and Pressures	Maximum NA					
	Whom Notice of Application	on Should be Sent.				
The Names and Addresses of Those to						
The Names and Addresses of Those to V						
The Names and Addresses of Those to \						
The Names and Addresses of Those to \						
The Names and Addresses of Those to \		The last	•			
COLORADO	)	1. Breg Mer	rion			
tate ofCOLORADO MONTEZUMA	)	1. BregMer	L/OV Applicant			
COLORADO  County of MONTEZUMA  Before me, the undersigned cnown to me to be the person we cath states, that he is duly authorable.	hose name is subscrit norized to make the	hed to the above instrument	Applicant  T. Greg Merrion  , who being by me duly sworn on as knowledge of the facts stated			
MONTEZUMA  County of  Before me, the undersigned known to me to be the person worth states, that he is duly auth therein, and that said report is the content of the county and that said report is the content of the county and that said report is the county and the county are content as the county and the county are content as the content as the county are content as the	hose name is subscrib norized to make the c rue and correct.	bed to the above instrument above report and that he h	[. Greg Merrion			
COLORADO  County of MONTEZUMA  Before me, the undersigned cnown to me to be the person woodth states, that he is duly authors.	hose name is subscrib norized to make the c rue and correct.	bed to the above instrument above report and that he h	[. Greg Merrion			

GRM DOGM- Rule I-5 (b) Revised 198	2	•	ś within 30 day		-	leted)		YPE OR US 0-603-7 county lease no.	E BLACK INK ONLY 00 compl	ETION & TEST DATA BY	PRODUCING FORMATION 2	3
PI NO. 43	-037-	30511	NT OF NATURA DIVISION OF OIL,	GAS, AND MI	NING	NEKGT			FORMATION	Desert CreekI	I Desert Creek	I
4	Room 4241 Stote Office Building Salt Lake City, Utah 84114  COUNTY San Juan Sec. 28 Twp. 41S  COMPANY OPERATING Superior 01  OFFICE ADDRESS P.O. Drawer 'G'				SPACING & SPACING ORDER NO.							
				ATING SU	perior wawer '	ÖiT G'	- "		CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)			
*		E	FARM NAME START	.E.MCETI	<u>10</u> •••	E ZIP <u>CO</u>	#20-2	<u>ა</u>	PERFORATED	5360-54081	5322-42	
			DATE OF FIRST I	RODUCTION	N/A	COMPI	LETED		INTERVALS			
ÿ	8 ite Well Corr d Outline Le		ELEVATION DER	ROM SL OF 1/4 RICK FLOOR .	<b>SEC. &amp;</b> 4584.6	FT. I	FROM WL ND 45	OF 14 SEC.	ACIDIZED?	8000 gals	4000 gals	
TYPE CON	PLETION			-					·	28% HCL	28% HCL	
	one								FRACTURE TREATED?			
Comingles OCATION EX			<del></del>						INITIAL TEST DATA			
	-ii		OIL OR (	GAS ZONES	<del></del>				Date	N/A		
					Name		From	To	Oil, bbl./day			
N	ame	From	n To		rame	'	rioni	10	Oil Gravity			
									Gas, Cu. Ft./day	CF	CF	CF
									Gas-Oil Ratio Cu. Ft./Bbl. Water-Bbl./day			
`									Pumping or Flowing			
)———			CASING	& CEMENT		11			CHOKE SIZE			
		Casing Set		Csg. Test		Ceme	ent		FLOW TUBING PRESSURE			
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup		Тер				
3-3/8"	48#	H-40	821				Surf	ace	A record of the formatio	ns drilled through, and p (use rever	ertinent remarks are pres se side)	ented on the reverse.
8-5/8"	24#	K-55	13981	1200	925		Surf	ace	I, the understaned, being first	duly sworn upon oath.	tate that this wall record is	true, correct and complet
5-1/2"	14&15	5.5# K-55	5480'	1000	295		4580	) 1	I, the undersigned, being first according to the records of the	/ 1 <i>4/19/01/</i> 5/11	( <i>!)n/4/m</i> /~	
		<u>.</u>							Telephone (303)565-		on, Production	
						777	201	<del></del>	Subscribed and sworn before		•	19 <u>83</u>
PACKERS SET	N/		ATTACHED WHEN		TOTAL DI				State of Colorado County of Montezu	ıma My.commis	ssion expires 5	-2-86

Lete' B. Digman

#### ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

- (a) Attached is Form DOGM-UIC-1.
- (b) (1)See attached Land Plat.
  - (2) (3) Attached is Form DOGM-UIC-2.
  - See attached wellbore sketch.
- The intervening thickness is almost 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 8-5/8" surface casing. The 8-5/8" - 5-1/2" annulus pressure will be monitored to insure no behind pipe communiction occurs.
- 2500 psig. ii. Maximum Estimated Surface Pressure: Maximum Estimated Rate: 1000 BWPD.

FORMATION	DEPTH	LITHOLOGY	
Chinle	1328'	Shale	
8-5/8" Surface Casing	1398'		
>DeChelly	2370'	Sandstone	
Organ Rock	2604'	Shale	
Hermosa	4311'	Limestone	
Upper Ismay	5143'	Limestone	
Lower Ismay	5253'	Limestone	
Gothic	5386'	Shale	
Desert Creek	5406'	Limestone	
Chimney Rock	5450'	Shale	

- (5)A throttling valve will be installed on the wellhead to control injection rates and pressures.
  - (ii) The source of injection water will be Superior's fresh water wells located in Section 7, T41S, R25E near the San Juan River. These wells produce from the surface alluvium and average 30' total depth.
  - (iii) The analysis of injection water is as follows:

PH: 7.1

CL: 600 ppm 1200 ppm TDS:

(5) Cont.

- (iv) The proposed injection zone is the Desert Creek. The Desert Creek is a carbonate formation consisting of limestone, anhydrite & dolomite and extends throughout the Paradox Basin.
- (v) All fresh water zones are behind surface casing.
- (vi) The analysis of formation water (Desert Creek) is as follows:

PH: 6.6

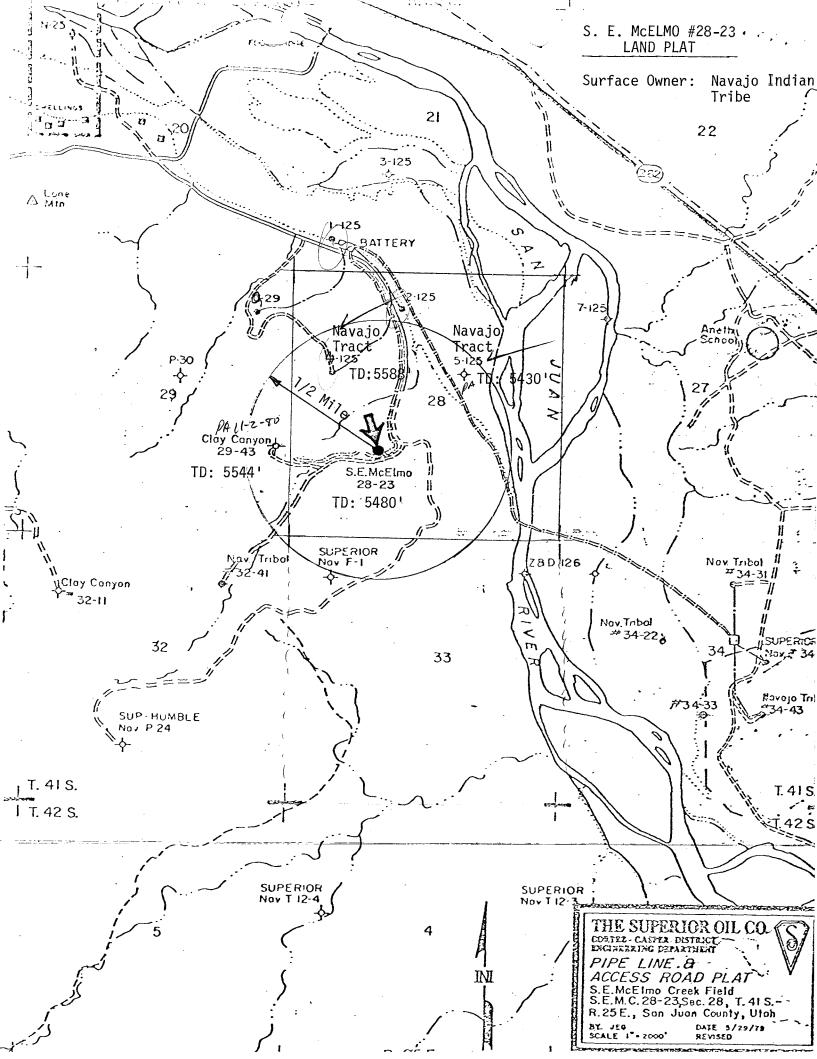
CL: 74,000 ppm TDS: 105,000 ppm

- (6) If the proposed injection well must be shut-in, the fresh water wells can also be shut in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in this area.
- (10) N/A.

#### S.E. McELMO #28-23 S.E. McELMO FIELD SAN JUAN COUNTY, UTAH

# PRESENT WELLBORE SKETCH 13-3/8", 48#, H-40 ST&C conductor csg cmt'd to surface 8-5/8", 24#, K-55, ST&C surface csg cmt'd to surface 1398' 5-1/2", 14#, K-55, ST&C (0-480') 5-1/2", 15.5#, K-55, ST&C (480-5480') cmt'd w/ 295 sx Cl 'H' cmt TOC at 4580' (from CBL) CBL indicated good bond from 5415-4585' Corrosion inhibited fresh water Where? Talked to now merrion by talepokan, he said a plastic control tubing + pla usil he installed. 5 Sx Cl 'B' cmt - top at 5236' Go Elite CIBP at 5280' Desert Creek I perfs: 5322-42' (2 JSPF) Desert Creek II perfs: 5322-421 (2 JSPF) 5446'

TD: 5480'



# STATE OF UTAH DIVISION OF OIL, GAS, AND MINING ROOM 4241 STATE OFFICE BUILDING SALT LAKE CITY, UTAH 84114

FORM NO. DOGM-UIC-1 (Revised 1982)

(801) 533-5771 (RULE I-5 & RULE I-4)

sposal or LP

County of Montezuma

State of Colorado

(RULE I-5 & RULE I-4)						
IN THE MATTER OF THE APPLICATION OF Superior 0il Company ADDRESS P.O. Drawer 'G'	CAUSE NO					
Cortez, Colorado ZIP 81321  INDIVIDUAL PARTNERSHIP CORPORATION FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE S.E. McElmo#28-23vell Sec. 28 TWP. 41S RANGE 25E San Juan COUNTY, UTAH	ENHANCED RECOVERY INJ. WELL DISPOSAL WELL DISPOSAL WELL DISPOSAL WELL DISPOSAL WELL (RULE 1-4)					
APPLIC	ATION					
Comes now the applicant and shows the Corpord  1. That Rule I-5 (g) (iv) authorizes administrations.	ation Commission the following: ve approval of enhanced rcovery injections, d					

2. That the applicant submits the following information.

Suscribed and sworn to before me this.

commission expires -

County Well No. Lease Name San Juan Co. Utah S.E. McElmo #28-23 Southeast McElmo 1761' FSL Location of Enhanced Recovery 1654 FWL. 25E **41S** Twp. Rge. Injection or Disposal Well **Casing Test** Old Well To Be Converted New Well To Be Drilled Yes 10 No 🗆 Date 2-21-81 Yes D No D Yes XX No 🖸 Depth-Base Lowest Known 1328 State What Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES XX NO [ Oil & Gas Fresh Water Within ½ Mile. .Fresh Water wells near Alluvium Geologic Name(s) and Depth of Source(s) (Depth: 30') Injection Source(s) San Juan River Depth of Injection Interval 53221 Geologic Nam**e of** Ismay & Desert Creek Interval Injection Zone 1328 c. Intervening Thickness (a minus b) b. Base of Fresh Water: a. Top of the Perforated Interval: 53221 Is the intervening thickness sufficient to show fresh water will be protected XXX without additional data? See item 4 (II) on attachment: I Lithology of Intervening Zones Injection Rates and Pressures NA B/D Maximum The Names and Addresses of Those to Whom Notice of Application Should be Sent. COLORADO State of MONTEZUMA T. Greg Merrion County of Before me, the undersigned authority, on this day personally appeared T. Greg Merrion known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Notary Public Yn and for

(Rule I-5 (b) (Revised 19	2	(To be filed w	المالية	العداد مدالات			14-20-6	R USE BLACK INK ONLY	•		
Indian Ix	•	EPARTMENT				•	7-20-0	COMP	LETION & TEST DATA BY	PRODUCING FORMATION	3
API NO. 43	<u>-037-3</u>	יום 1150	VISION OF OIL, Room 4241 Sta	GAS, AND MI	NING	INEKUT	Œ/	FORMATION	Desert CreekI	I Desert Creek	- 
<u> </u>	640 Acres N		Salt Lake Cit	N that 84114	•	11 S		SPACING & SPACING ORDER NO.	3.00.00.00.00.00.00.00.00.00.00.00.00.00	Describ of ear	
		O	DUNTY San DMPANY OPER	<u> P.O.Dr</u>	awer '	G '		CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)			
<b>*</b>	TOWN Cortez STATE ZIP CO. 81321 . FARM NAME S.E.MCElmo WELL NO. #28-23							PERFORATED	5360-5408'	5322-42	·
		DI	RILLING START	ED 2-6	. 81 neu	IIING FINISH	$\frac{\pi 20-23}{602-19}$	31			
		D,	ATE OF FIRST P	RODUCTION	N/A	COMPL		INTERVALS			
		<del>└</del>	ELL LOCATED .	SW W NE	W SW	_¼					
	ete Well Correct od Outline Lease	Y EL	EVATION DER	ROM SL OF 14 RICK FLOOR .	4584.6	FT. I	FROM WL OF ND 4571	EC. ACIDIZED?	8000 gals	4000 gals	Y
TYPE COM	· ·	-							28% HCL	28% HCL	
-	n• <u>X</u>		<del></del>			•		FRACTURE TREATED?			
			<del></del>	•				PROCIORE IREATEDY			
LOCATION E			<del></del>					INITIAL TEST DATA		·	
			011.00.4	246 701156				Date	N/A		
			OIL OX (	GAS ZONES	14.			Oil, bbl./day			
•	iame	From	To		Name ·		From 1	Oil Gravity			
<del></del>					<del></del>			Gas, Cu. A./day	CF	a	C C
<del></del>					······································			Gas-Oil Ratio Cu. Ft./Bbl.	·		
				_				Water-Bbl./day			
			CASING	& CEMENT				Pumping or Howing			
	C.	ising Set		Cag. Test		Come	ant .	CHOKE SIZE FLOW TUBING PRESSURE			
Size	Wg1.	Grade	Feet	Psl	Sax	Fillup	Tep				
13-3/8"	48#	H-40	821			•	Surfac	A record of the formation	ons drilled through, and p (use rever	ertinent remarks are pre-	ented on the reverse,
8-5/8"	24#	K-55	1398'	1200	925		Surfac	<u> </u>	•		•
5-1/2"	14&15.	5# K-55	5480'	1000	295		4580'	I, the undersigned, being fire	t duly sworn upon oath, si is office and to the best	tate that this well record in the my knowledge and be	true, correct and comp lef.
	<del></del>		··					00. /303)565	- 1 4 MUDAN	on, Production	
										d title of representative of	
				<u> </u>		EPTH 548	<u> </u>	Subscribed and sworn befor	e me this : 11th do	y of Jan.	19_83
PACKERS SE	τ N/A				TOTAL D	EPTH	,,,	State of Colorad	0		
DEPTH		YOT ALSO BE AT	ACUEN WOULL	L SUNG MUG	CINC FOR		·	County of Montez	uma My commis	ssion expires	5-2-86

#### ATTACHMENT I

## RULE I-5: Application for Approval of Class II Injection Wells

- Attached is Form DOGM-UIC-1.
- See attached Land Plat. (b)

(4)

- Attached is Form DOGM-UIC-2. (2)
- (3) See attached wellbore sketch.
  - The intervening thickness is almost 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 8-5/8" surface casing. The 8-5/8" - 5-1/2" annulus pressure will be monitored to insure no behind pipe communiction occurs.
  - ii. Maximum Estimated Surface Pressure: 2500 psig. Maximum Estimated Rate: 1000 BWPD.

FORMATION	DEPTH	LITHOLOGY
Chinle	1328'	Shale
8-5/8" Surface Casing	1398'	
DeChelly	2370'	Sandsto <b>ne</b>
Organ Rock	2604	Sha <b>le</b>
Hermosa	4311'	Limeston <b>e</b>
Upper Ismay	5143'	Limestone
Lower Ismay	52 <b>53</b> ¹	Limeston <b>e</b>
Gothic	538 <b>6'</b>	Sha <b>le</b>
Desert Creek	5406 <b>'</b>	Limeston <b>e</b>
Chimney Rock	5450'	Shale

- (5) (i) A throttling valve will be installed on the wellhead to control injection rates and pressures.
  - (ii) The source of injection water will be Superior's fresh water wells located in Section 7, T41S, R25E near the San Juan River. These wells produce from the surface alluvium and average 30' total depth.
  - (iii) The analysis of injection water is as follows:

7.1 PH: 600 ppm CL:

TDS: 1200 ppm

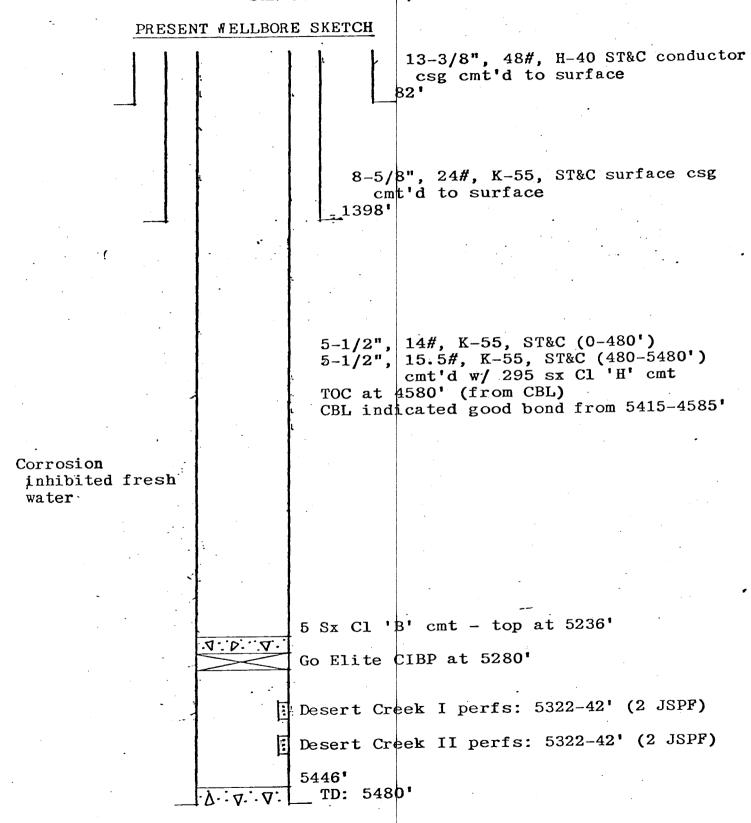
- (5) Cont.
  - (iv) The proposed injection zone is the Desert Creek. The Desert Creek is a carbonate formation consisting of limestone, anhydrite & dolomite and extends throughout the Paradox Basin.
    - (v) All fresh water zones are behind surface casing.
    - (vi) The analysis of formation water (Desert Creek) is as follows:

PH: 6.6

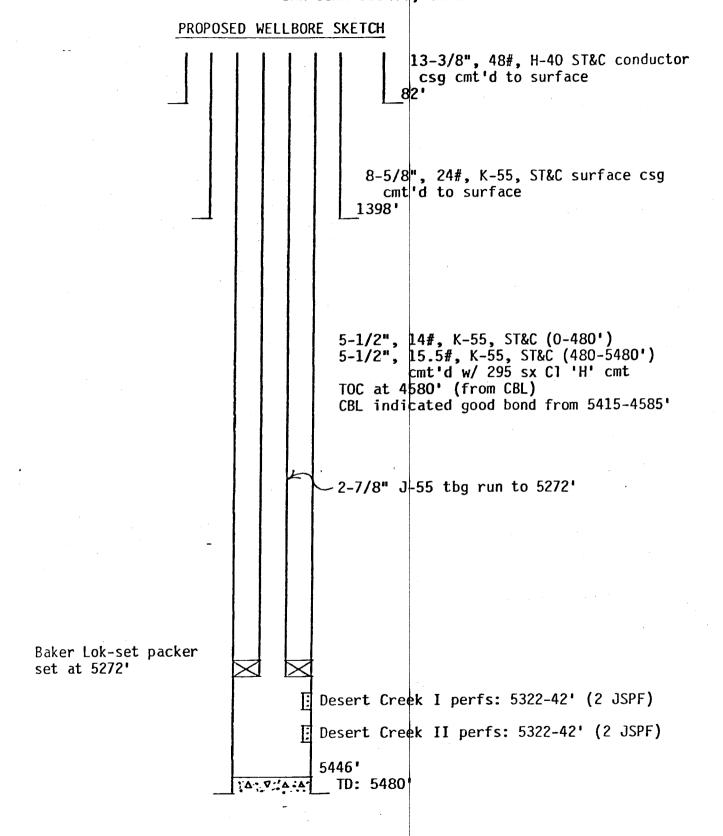
CL: 74,000 ppm TDS: 105,000 ppm

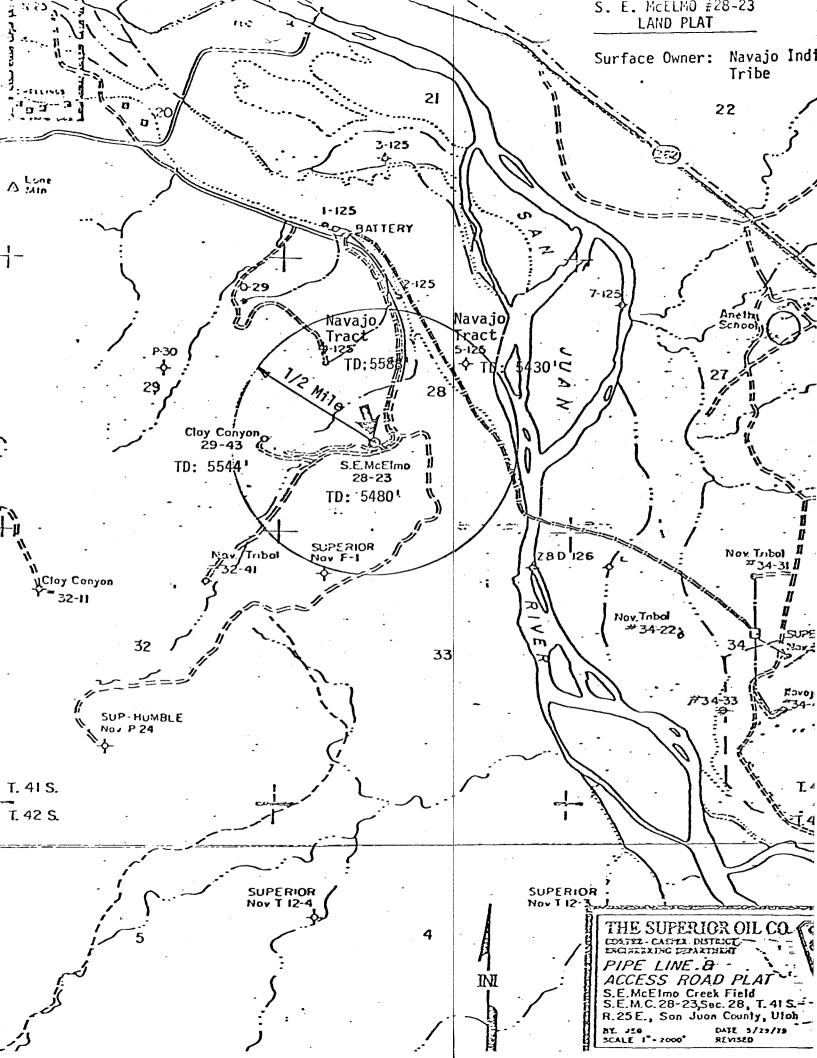
- (6) If the proposed injection well must be shut-in, the fresh water wells can also be shut in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in this area.
- (10) N/A.

## S.E. McELMO #28-23 S.E. McELMO FIELD SAN JUAN COUNTY, UTAH



S.E. McELMO #28-23 S.E. McELMO FIELD SAN JUAN COUNTY, UTAH





## UNITED STATES

UNITED STATES	5. LEASE - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	_,
DEPARTMENT OF THE INTERIOR	14-20-603-700	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	_ (
dededatorie contra	NAVAJO CLE C ART	
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME	_
	HANG B GUE	
(Do not use this form for proposals to drill or to deepen or plug back to a diff∋rent reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME	_
1. oil gas T	SOUTHEAST McELMO	_
well well other T.A.	9. WELL NO.	
2. NAME OF OPERATOR	#28-23 5 5 5 8 6 5 5	
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME	
3. ADDRESS OF OPERATOR	SOUTHEAST: McELMO	_
P.O. DRAWER "G", CORTEZ, COLORADO 8132	11. SEC., T., R., M., OR BLK. AND SURVEY O	ıR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA SEC. 28, J41S, R25E	
below.)		
AT SURFACE: 1645' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE SEE SAN JUAN SEE UTAH & FOR	
AT TOTAL DEPTH: Same		_
Salite	14. API NO. 5513 2 5533 2 4 5533 2 4 5533 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
	15 ELEVATIONS (SHOW DF, KDB, AND WILL BE 4588.6 GL: 4571	<i>)</i> )
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF		-
TEST WATER SHUT-OFF	100 mm	
FRACTURE TREAT	TO THE PLANT OF THE PARTY OF TH	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zo	
REPAIR WELL UPPORT TO THE PULL OR ALTER CASING TO THE TOTAL TO THE PULL OR ALTER CASING TO THE PURL OF	change on Form 9–330.)	ne :
MULTIPLE COMPLETE DIVISION		3
CHANGE ZONES 🔲 🔲 👊 GAS & M		,
ABANDON' Convert to Disertion		
(other) Convert to Injection	្រុំ ស្ត្រីស្ត្រី ស្ត្រីស្ត្រី	7
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	e all pertinent details, and give pertinent date	s,
including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	irectionally drilled, give subsurface locations ar	ıd
measured and true vertical depths for an markers and zones pertinen		
1. MIRU.		
2. Drill out cement & CIBP.	୍ରା ପ୍ରତ୍ୟାନ୍ତ ପ୍ରତ୍ୟାନ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ ପ୍ରତ୍ୟକ୍ତ	
3. RIH w/ plastic coated packer & 2-7/8" tubing	g. Set pkr at 5250'.	
4. NU wellhead.	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
5. RDMO.		
	( 변경 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등	
6. Place well on injection.	Supplies Sup	
	CONTROL TO A STATE OF THE STATE	
	Machine Company of the Company of th	
6. Place well on injection.	meter izi beran Alter ze i sigenilar Manera sigenilar Alter e sigenilar Directorization India se regional Manera e regional Manera e regional Manera e regional	Ft.
Subsurface Safety Valve: Manu. and Type	meter izi beran Alter ze i sigenilar Manera sigenilar Alter e sigenilar Directorization India se regional Manera e regional Manera e regional Manera e regional	-t.
Subsurface Safety Valve: Manu. and Type	meter to be trained at a state of the control of th	₹.
	meter to be trained at a state of the control of th	₹t.
Subsurface Safety Valve: Manu. and Type	metro (d) becare in a substitution of becare in a substitution is substitution in substitution of substitution	₹t. —
Subsurface Safety Valve: Manu. and Type	meter to be before the state of	₹t.
Subsurface Safety Valve: Manu. and Type	method between the state of the	₹t. 

TILE IN QUADRUPLICATE FORM OGC-8-X

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116

## REPORT OF NATER ENCOUNTERED DURING DRILLING

TZAZUTUOS	MCFLMO CREEK =28-23	
Well Name & Number: SOUTHEAST !	Address: P.O.DRA	WER 'G', CORTEZ, COLO.81
Operator: SUPERIOR OIL COMPANY  Contractor: BAYLESS DRILLING CO.  Location NE 1/4 SW 1/4; Sec.	Address: <u>216 S.H</u>	ill, Farmington, N.1'ex.8.
<u>Depth</u> : From- To-	Volume: Flow Rate or Head	<u>Quality</u> :  Fresh or Salty  Fresh
1. 600' - 660'	6" stream	Tresii
2.	· · · · · · · · · · · · · · · · · · ·	
4.		
5.	(Continue on Reverse Sid	le if Necessary)
Formation Tops: Chinel at 1328 Remarks:	8'	FEB 23 198
MOTE: (a) Upon diminishing su (b) Report on this form	apply of forms, please inform to as provided for in Rule C-20, les of Practice and Procedure.	his office. Congression of the General Rules and 21

Regulations and Rules of Practice and Procedure.

please forward a copy along with this form.

If a water analysis has been made of the above reported zone,

14-20-603-700

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
CO not use this form for proposale to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME SOUTHEAST MCELMO CREEK
1. Oil W well other	9. WELL NO. #28-23
2. NAME OF OPERATOR SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME SOUTHEAST MCELMO CREEK
3. ADDRESS OF OPERATOR D. O. DRAMER 161 CORTEZ COLO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	SEC. 28, T415, R25E  12. COUNTY OR PARISH 13. STATE
AT SURFACE: 1654' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same	SAN JUAN UTAH
AT TOTAL DEPTH: Same	14. API NO. 43-037-30511
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  DEGUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4571' Ungraded G. L.
REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  (other) Temporarily Abandon	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stating including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine	ite all pertinent details, and give pertinent sates directionally drilled, give subsurface locations and ent to this work.)*
PROPOSED WORK	1 වන් ව
1. POH w/ tubing and tubing anchor.	
2. Set CIBP at 5270'±.	
<ol><li>Dump 20 sx cement on top CIBP to temporar evaluation.</li></ol>	ily abandon pending further

Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Central Files - H, W, C

Subsurface Safety Valve: Manu. and Type \_

LEASE

14-20-603-700

# UNITED STATES DEPARTMENT OF THE INTERIOR GFOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drift or to deepen or plug back to a different beervoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME SOUTHEAST MCELMO CREEK
1. off (2) gas other other	9. WELL NO. #28-23
2. NAME OF OPERATOR SUPERIOR OIL	10. FIELD OR WILDCAT NAME SOUTHEAST MCELMO CREEK
3. ADDRESS OF OPERATOR P.O. DRAWER G, Cortez, CO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	Sec. 28, T41S, R25E
below.) AT SURFACE: 1645' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE UTAH
AT TOTAL DEPTH: Same	14. API NO. 43-037-30511
6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPURT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) KB - 4585.6 GL- 4571'
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)	(NOTE: Report results of multiple completion or zone change on form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly sta- including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine	te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and int to this work.)*

- 1. Circulate Hole clean. Run GR/DDL/CBL/VDL. Perforate DC II Zone 5360-5408' w/ 2 jspf. Acidize Zone w/8000 gals at 3-5 BPM. Test and evaluate.
- Isolate 5360-5408' interval. Perforate 5322-5342' w/ 2 jspf. Acidize w/ 4000 gals at 305 BPM. Test and evaluate.
- 3. RIH w/ Production Equipment.

Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Central Files - H, W, C

क्षः धाः	:	UNITO 1	RTATES	OVERI	1 M 1	ALTICA			orm o	proval. Bureou No. 62-R666.A.
v:	DEPART	MENT OF	THE IN	TERIOR	1	(Rec of at raction covered	亚小	LEADS DE	10 FAT	108 APS SEELLS 56.
	G	EOLOGICAL	SURVEY	* **	•	( aver m		14-20-	<u>603</u>	-700
WELL CO	MPLETION (	OP PECOM	N STION	EPORT	AND	LOG	•		ALLV	1758 <b>00</b> T0100 FAMB
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NO. LOS	Solds   Solds		2107	Other	. '			PARM US		
S. PARE OF OPPLAT									STI	ICELMO CREEK
SUPERI	OR OIL		• ./				(	7. #8LL #0.	-23	
S. Monton to off	MACO O CO	-100 00 0	 1991		-,		-			L, OR TILBEAT
4. LOCATION OF THE	RAMER G, CO	elections in an	ordense with en	y Blate requir	emente	)•				MCELMO CREEK
At sortes	1654' FWL,	1761' FSL		,				11. SEC., T.,	A., M.,	OB BLOCK ARD SURVEY
	neval reported belo			:	. !			:		•
As mand drawing		-			• •			SEC. 28	). T	415, R25E
	Same		14. PERMIT NO.		DATE 10	01/80		13. COUPT	98	18. 87A78
		,	4337-30	0511	11-1	-79		SAN JUA	N	UTAH
2-6-81	14. 5476 9.5. 84	17. 5478		o prod.) 18.	. BLETA	Th/80 (9/	,, _,	68, STC.}*	19.	ELET. CASING BEAD
5-0-81	2-19-81	3-4-				35.6 G	<u>L-457)</u>	807487 TOO	14	CAPLE TOOLS
56, 1010A 1070A, 10	11. PAR	AGE IA. NO A TV	SE. IP RUL	TIPLE COMPL.	' : <b> </b>	PAIL	40 87	\11		1
5480'	DALIS). 40 198 C	435' Marian — 104.	SPIGH, NAME (	45 ANS 178)*			<u> </u>	· · ·	73	S. WAS DIRECTIONAL
Desert Cre	ek 1 5306-			' 1			-		.  :	
Desert Cre					: 1				1	NO WELL CORES
A. THE SLETHE	AND OFFICE LAST BY	16		,	. !			· .	37*	NO :
CNL/FDC, D	IL/SFL, BHG	, GR/CCL/CE	L/VDL	M -4						NO
CADING BISS	<b>WENNES</b> LEAVE		G RECORD (Re)	LB BIBB	1	CEMI	RTIPE A	( <b>649</b>		AMOUNT PULLED .
13-3/8"	48#	100'	1	8"			o Surf	face		None
8-5/8"	247	1400'		1/4"		SXS C		B		None .
5-1/2"	14 8 15.5	5480'		7/8"	295	SXS.	Class	181		None
		INER RECORD			١	<b>36</b> .	70	BING REC	ORD	
9100	tot (MD)		ACRE CEMERTS	OCREBN (M	-	8180	94	PTE 887 (8	( <b>9</b> )	PACESE SOT (MD)
						2-7/8"		5421:		
II. HAVELANDS TO	tobb (Intervet, ess	end number)		11.						HATSBIAL TOES
5360-54081	at 2 jspf			5350-5			ACTO	ized w/	3000	gals
5322-5342	at 2 jspf			5322-5			ACTO	12ed W/	1000	gals.
									<u> </u>	
No Fluid E		ction Notice (Fi		DUCTION	ind ty	po o/ pum	<b>(6)</b>	SHO	7-1N	is (Freducing or
MO FILITO	BOOMS TROPPS	casts 585	P800'B. 708	01L-35L		OAB-MC	9.	WATER-90		GAS-OIL BATIO
	1		1207 PERIOD	• :				# Å .		; ;
PLOTE. TOURING PLANS.	CADIFO PASSOCA	History Man	011-00L	648-	-ites.	1	WATER		OIL	BAVITT-API (COSS.)
54. Subfootton or		-	<u></u>				<del></del>	7007 WITHS	1100	DT .
ut. salfocition of	(, <del></del> / /	(120) 120 120), (120)			1		1			
84. List 60 affice	THE LATE			•						
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OF T SHIPS WITH	THE RESERVE	THE THEORY IN		SR. PROD						ug. 4, 1981
			A Barrer for	Addusand			Class		• :	· •

"(See Instructions and Spaces for Additional Date on Revene Side)"

# INSTRUCTIONS

Count best and the state of the				_			to 1400*
Charter of the form and the state of the sta	- •	H. OBSCORC MANN	Page 1	chinle 2022' Dechelly 2370' Organ Rock Shale 2604'	# 22.22.23	Chimmey Rock Shalle 5450	* Surface Casing set
And regulation. Any secondly operated factorities concerning.  A St. bater sequencing expension requires for expension occupant.  A St. bater requirement of the content of		**************************************	secontrat, contact, Dr.	Limestone, Dolomite Limestone, Dolomite			
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The property of the property o		A STREET OF PORCES &		LONER ISMAY 529 DESERT CREEK 53	0	DIVISION OF IL. GAS & MINING	

DEPARTMENT OF THE INTERNATION	S. LEASE 14-20-603-700			
GEOLOGICAL SURFICE COLO	6. IF INDIAN, ALLOTTEE NAVAJO	OR TRIBE NAME		
SUNDRY NOTICES AT THE ORTS ON WELLS	7. UNIT AGREEMENT N	AME		
(Do not use this form for proposals to the deepen or plug back to a different reservoir. Use Form 9-331-C for such projects.)	8. FARM OR LEASE NAM SOUTHEAST MCELM	IE IO CREEK		
2. NAME OF OPERATOR SUPERIOR OIL COMPANY ONLINE ONLINE OF OPERATOR OIL GAS MINIMAG	9. WELL NO.			
2. NAME OF OPERATOR	128-23			
SUPERIOR OIL COMPANY OIL	10. FIELD OR WILDCAT N SOUTHEAST MCELM	IO CREEK		
3. ADDRESS OF OPERATOR P.O. DRAWER G. CORTEZ, COLO. 81321 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR E AREA Sec. 28, T415,	BLK. AND SURVEY OR		
below.) AT SURFACE: 1654' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH			
AT TOTAL DEPTH: SAME  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO. 43-037-30511			
REPORT, OR OTHER DATA  REPORT FOR APPROVAL TO: SUBSEQUENT REPORT OF:	18. ELEVATIONS (SHOW 4571' ungraded	DF, KDB, AND WD)		
SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING   MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  (other) Temporarily Abandoned	(NOTE: Report results of m change on Form 9-	.330.)		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is different measured and true vertical depths for all markers and zones pertined	nt to this work.)*			
1. 2-24-81: Acidized perf 5360' to 5408' w/ Psi. All had 600 Scf/bbl Ng. Fl bbls KCL wtr. into formation at	owed back N <sub>2</sub> and I : 225 Psi at 4 BPM	no fluid. Pumped 90. . Well on vac.		
2. 2.26-81: Ran BHP 43 psi, Set RBP at 5346 GR-CCL log 5331 to 5180'. Perf w/ 4000 gals. 28% MSR 100 w/500 FP 1200 PSL, ISIP 600 PSL, 15 r	5' & tested to 500 5322'-5342' w/ 2 ) SCF/ bbl N <sub>2</sub> , at ! nin, SIP 200 PSI.	PSI. UK. Ran JSPF. Acidized Perf 5 BPm, MP 3500 PSI, Jetted Tbg. w/N <sub>2</sub>		
3. 3-4-81: RIH w/ Tbg. & Tbg anchor catcher flange & landed tbg. w/ 10,000 Cleaned location.	er. Set anchor @ 5 # tension. Shut we	281'. ND BOP, NU 11 in. T.A.		
Subsurface Safety Valve: Manu. and Type	Se	t @ Ft.		
18. I hereby certify that the foregoing is true and correct				
SIGNE TITLE PRODUCTION GEOLOGISTATE 7-23-81				
(This space for Federal or State or				
APPROVED BY TITLE	DATE			

CONDITIONS OF APPROVAL IF ANY: Orig + 5 - USGS, State - 2, Navajo Tribe, Exxon C. D. Johnson, Reg. Group - H,W,C, Central Files - H, W, C.

Form Approved.
Budget Bureau No. 42-81424

#### UNITED STATES S. LEASE 14-20-603-700 DEPARTMENT OF THE INTERIOR 6. IF INDIAN, ALLOTTEE OR TRIBE NAME **GEOLOGICAL SURVEY** OLAVAN 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drift or to deepen or plug back to a different reservoir. Use Form 9-321-C for such proposals.) 8. FARM OR LEASE NAME SOUTHEAST MCELMO CREEK well 🔽 other 9. WELL NO. 2. NAME OF OPERATOR #28-23 10. FIELD OR WILDCAT NAME SUPERIOR OIL COMPANY 3. ADDRESS OF OPERATOR SOUTHEAST MCELMO CREEK P.O.DRAWER 'G', CORTEZ, COLORADO 81321 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 SEC. 28, T41S, R25E below.) AT SURFACE: 1654' FWL, 1761 FSL 12. COUNTY OR PARISH 13. STATE AT TOP PROD. INTERVAL: Same SAN JUAN UTAH AT TOTAL DEPTH: Same 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) 4571 G. L. REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL DTE: Report results of multiple completion or zone PULL OR ALTER CASING mange Form 9-330.) MULTIPLE COMPLETE CHANGE ZONES ABANDON . DIVISION OF (other) Subsequent Report OIL, GAS & MINING 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statu all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* Drilled 7-7/8" hole to 5480' Ran SP-DIL, BHC Sonic & GR-FDC-CNL. 1. 2-19-81: Ran 148 jts 5-1/2", 15.5#, K-55 ST&C, Rge 2 & 3, with Davis float shoe 2. 2-20-81: and collar. 800 gal mud sweep ahead of 295 sx Class 'B' cement w/ 3/4 of 1% D31 slurry wt. 15.8#, max pump press 1000# at 6 BPM rate. Bump plug w/ fresh wtr w/ 2000#. Held OK. Had full returns while mixing and pumping. Cut off 8-5/8" csg. Installed a National tubing head DP-70 10" X 3000# bottom flange & 6" X 30()0#, tested same w/ National man to 700#, OK. Nippled up 10" X 5000# Shaffer LWS BOP. Ran Cement Bond log, Variable Density, GR, Csg Collar Log. Excellent 2-21-81: bonding. Perforated Desert Creek from 5360' - 5408' w/ 2 jet shots/ft. Subsurface Safety Valve: Manu, and Type \_\_\_\_\_\_\_\_ 18. I hereby certify that the foregoing is true and correct time Prod. Geologist DATE (This space for Federal or State office use)

Orig + 5 - USGS, State - 2, Navajo Tribe, Exxon, C. D. Johnson, Reg. Group - H.W.C Central Files - H.W.C

CONDITIONS OF APPROVAL IF ANY:

14-20-603-700

NAVAJO
7. UNIT AGREEMENT HAME

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

5. LEASE

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to entire to everyour prop sack to a different reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME S. E. MCELMO CREEK
1. oil (X) gas U other	9. WELL NO.
2. NAME OF OPERATOR	#28-23
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	S. E. McELMO CREEK
P. O. DRAWER 'G', CORTEZ, COLORADO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA CEC 20 TAIS D255
below.)	SEC. 28, T41S, R25E
AT SURFACE: 1654' FWL, 1761' FSL AT TOP PROD. INTERVAL: Same as surface	12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH
AT TOTAL DEPTH: Same as surface.	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-037-30511
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	4571' Ungraded G. L.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF  FRACTURE TREAT	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
MULTIPLE COMPLETE	
PULL OR ALTER CASING	
ABANDON® [] [] (other)	•
	The state of the s
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly sta- including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine	te all partinent details, and give pertinent dates, firectionally drilled, give subsurface locations and nt to this work.)*
1. Spudded 2-6-81. Drilled 18" hole to 82'.	
2. Ran 13-3/8", 54.5#, K-55, ST&C conductor cas	ing to 82'. Cemented w/ 6 cu yds
ready-mix cement.	
3. 2-9-81: Drilled 12-1/4" hole 1398' Ran 42 jt	s. 8-5/8" csg, 24#, K-55, ST&C w/ Davis
float shoe and collar. Cemented w/ 12 bbls	mud flush. 600 sx B. J. Lite Wt. W/IU#
Gilsonite w/ .2% of A-2 Lo-dense, 2% CaCl, f	ollowed w/200 sx class 'B' neat w/ 2%
CaCl. Max pump psi 500# at 6 BPM rate. Fin	al psi 1200#. Had full returns.
Mixed and pumped down annulus 125 sx. class	'B' neat w/ 3% CaCl and circ. Good cmt.
Hole stayed full. Cut off 13-3/8" & 8-5/8"	csg-welded on National IO" X 3000#
slip on csg head NSB - National, tested same	at 500#. UK. Installed BUP & hippled
up. Drilling <b>ahęad.</b>	
Subsurface Safety Valve: Manu. and Type	Sat @ Ft
Subsurface Safety Valve: Manu. and Type	981 W 1 t.
18. I hereby certify that the foregoing is true and correct	
SIGNED H. W. Haven TITLE Prod. Geolog	1st DATE Feb. 19, 1981
(This space for Federal or State o	Tice use)
APPROVED BY	DATEDATE
CONDITIONS OF APPROVAL, IF ANY:	23 1901
+5 - USGS, State - 2, Navajo Tribe, Exxon, C. D	. Johnson, Reg. Group, Cantral Tibes
, C	1 NING
the instantions on Bouerse	Side Alle

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	8. LEASE 14-20-603-700 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drift or to deepen or plug back to a different reservoir, Use Form 9-331-C for such proposals.)	7. UPIT AGREEMENT NAME  8. FARM OR LEASE NAME
1. oil Well Cother  2. NAME OF OPERATOR  SUPERIOR OIL COMPANY  3. ADDRESS OF OPERATOR (ZIP 81321)  P. O. DRAWER 'G', CORTEZ, COLORADO  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  AT SURFACE: 1654' FWL, 1761' FSL  AT TOP PROD. INTERVAL: Same as Surface  AT TOTAL DEPTH: Same as Surface  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	SOUTHEAST MCELMO CREEK  9. WELL NO. #28-23  10. FIELD OR WILDCAT NAME SOUTHEAST MCELMO CREEK FI  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28, T41S, R25E  12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH  14. API NO. 43-037-30511
REPORT, OR OTHER DATA	18. ELEVATIONS (SHOW DF, KDB, AND WD) 4572' UNGRADED G.L.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion or zone change on Form 9–230.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is comeasured and true vertical depths for all markers and zones pertine	firectionally drilled, give subsurface locations and
A six month extension is requested for Application for Permit to drill valid.	this well to keep the
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
SIGNED FOR HAVE TITLE Prod. Geo.	
(This space for Fadoral or State of	

Orig. + 3 - USGS, State (2), C. D. Johnson, C. R. Coffey, W. H. Speers, Dick Keelan, W. N. Mosley, Navajo Tribe, Exxon Co. USA, Central File,

Form approved. Budget Bureau No. 42-R1425

## UNITED STATES DEPARTMENT OF THE INTERIOR

	GEOL	OBICAL SURVEY			14-20-603-7	
APPLICATION	Y FOR PERMIT	TO DRILL, DEEPE	N, OR PLUG B	ACK	6. W INDIAN, ALLOTTER NAVAJO	ON TRIBE NAME
TTPE OF WORK	LL X	DEEPEN []	PLUG BAG	X 🗆	T. UNIT AGBSBUSHT N	W.6
TIPE OF WELL		NI.	Sobe 75% Systam	ge m	S. Press on Issue See	,
A SERVICE OF OPERATOR	orner orner	70	AR X ZOVE		SOUTHEAST MEEL	
	HE SUPERIOR OI	L COMPANY			9. WELL NO.	THE CHELL
ADDRESS OF OPERATOR				:	#28-23	
Ρ,	O. DRAWER 'G	', CORTEZ, COLORA	DO 81321		10. FIELD AND POOL, O	
At muriace	554' FWL, 1711		sale segantineans,		SOUTHEAST HOEL 11. esc., 7. n., M., OR I	LK.
 At proposed prod. son		in MC 200			SEC. 28, 1	
S	ame as surface				12. COUNTY OR PARISH	
	s S-SE of Anet	BARRAT TOWN OR POST OFFICE	•		SAN JUAN	UTAH
DISTANCE FROM PROP			OP ACEBI IN LEASE		OP ACRES ASSIGNED	01741
LOCATION TO REARRY (Also to mearest drig	r Mar, pr. P. walt line, if any)	929' North	640	"'	80	
DISTANCE PROM PROF	OSED FOCYLION.	IN WALLE ON IDAÇA	PACIOL	20. BOT	Rotary	
OR APPLIED POR, ON TH	18 1848, Pt. 1880'	NW across lease	5480	<u> </u>	ROLATY	AE WILL START
•	other DF, RT, GR, etc.)	LINE	, .	•	October 31	
4572' Ungrad	ed ground leve	PROPOSED CASING AND	CEMENTING PROGRA	ADI	, 000000, 01	
BIRE OF HOLE	BISE OF CASING	WRIGHT PER FOOT	ARTING DEPTH	T	QUANTITY OF CEMES	Ť
17-1/2"	13-3/8"	48#	100'		150 sx	
12-1/4"	8-5/8"	241	328'		850_sx	
7-7/8"	5-1/2"	14 & 15.5#	54801		250 sx	
sacks. Drill 12-1, 850 sacks. Drill 7-7/ Desert Cre Log well. Set 5-1/2" Perforate	/4" hole to 13 NU BOPS. 8" hole througek Zone. casing at 548 Desert Creek a	10'. Set 13-3/8"  128'. Set 8-5/8"  14 Desert Creek to 130' and cement with 14 and stimulate base 14 proposal is to deepen or ponally, give pertinent data of	casing to 1328  papproximately  th 250 sacks.  ed on log evaluation	' and 5480'	duetive zone and process	to be cut
renter program, if ar	ny.					
am nen - James	A R Obula R. Obertander	AVORA TITLE	Engineer		DATE Oct.	10, 19/9
(This space for Fed	eral or State office use)					
PERMIT NO.			APPROVAL DATE			
		, <b>.</b>			DATE	
CONDITIONS OF APPRO	VAL, IP ASY :	TITIS				

NO/1h
rig + 3- USGS, State - 2, T. W. Cooley, C. R. Coffey, W. H. Speers, Dick Keelan,
R. Moeley, Navajo Tribe, H. Haven, Exxon Company, USA, Central File, File

#### SUPPLEMENT TO FORM 9-331C

WELL: Southeast McElmo Creek #28-23

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

UNPREPARED GROUND SURFACE ELEVATION:

4571'

**ESTIMATED FORMATION TOPS:** 

(Measured from KB approximately 4584') Chinle 1296' DeChelly. 2349' 5172' Ismay Gothic Shale 53231 Desert Creek 5343' Chimney Rock 54731 5480' TD

WATER BEARING FORMATIONS:

Water is expected to be encountered intermittently

from 400' to 1296'.

HYDROCARBON BEARING FORMATIONS:

Oil and gas are expected to be encountered

intermittently from 5343' to 5473'.

MUD PROGRAM:

Surface to 2000' - Water

2000' to 4900' - Lignosulfonate or similar mud system;

no water loss control, weighted as necessary

with Barite.

4900' to TD - Lignosulfonate or similar mud system; 15 cc

water loss, weighted as necessary with Barite.

CEMENT PROGRAM:

Conductor - Cement to surface with 150 sx B.J. Light with Class 'B' cement containing 4% gel and 2% CaCl.

Surface - Cement to surface w/750 sx B.J. Light w/10#/sk

Gilsonite, followed w/100 sx Class 'B' Neat w/2%

CaCl at 15.6 ppg.

Production - 250 sx Class 'B' with 5#/sk salt, 1/2#/sk Firm

set and 3/4% CFR-2.

LOGGING PROGRAM:

CNL-FDC, Sonic - TD to 1328'

DLL, MSFL and Velocity - TD to 4400'

CORING PROGRAM:

150' to be cut in Desert Creek

PRESSURE CONTROLS:

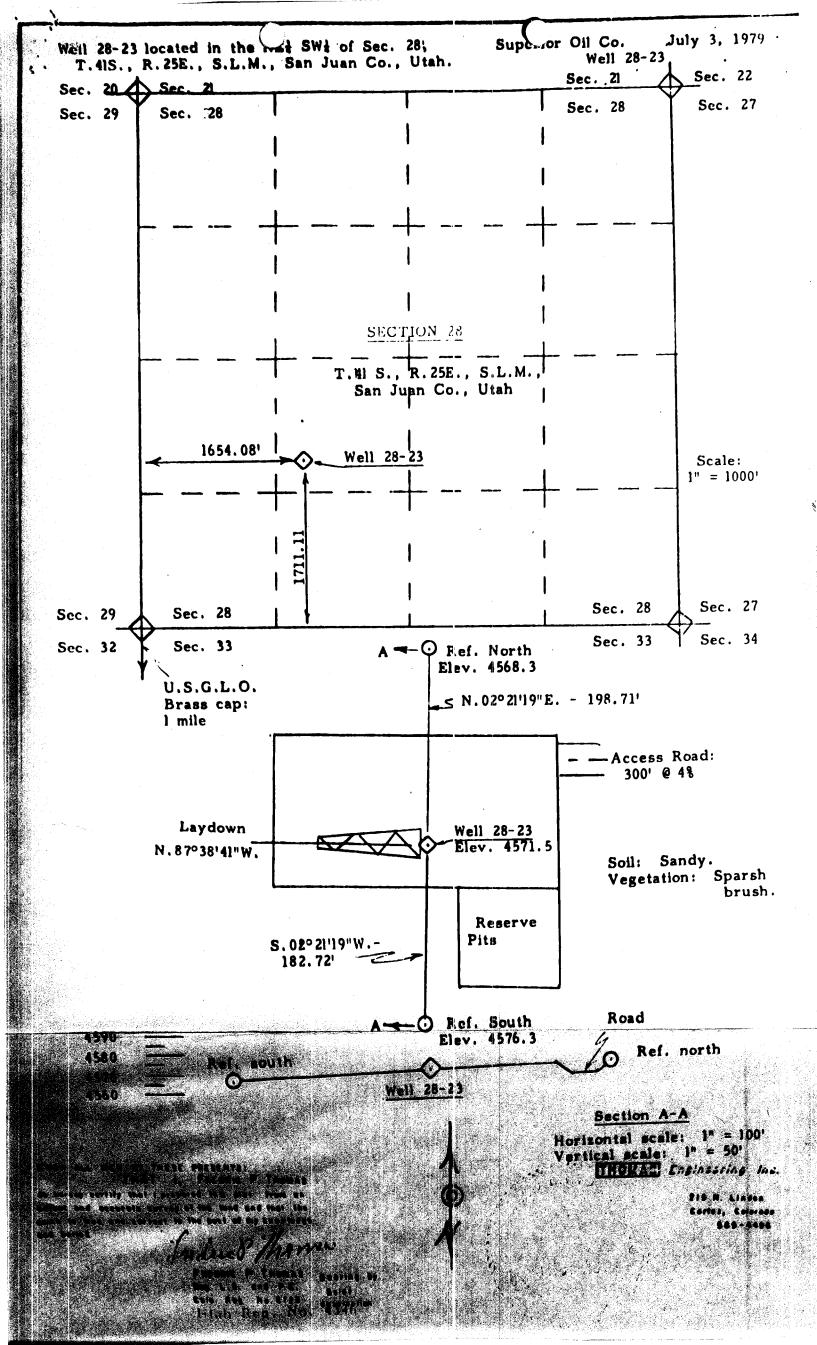
Blowout preventer equipment will be 10" Series 600 with blind

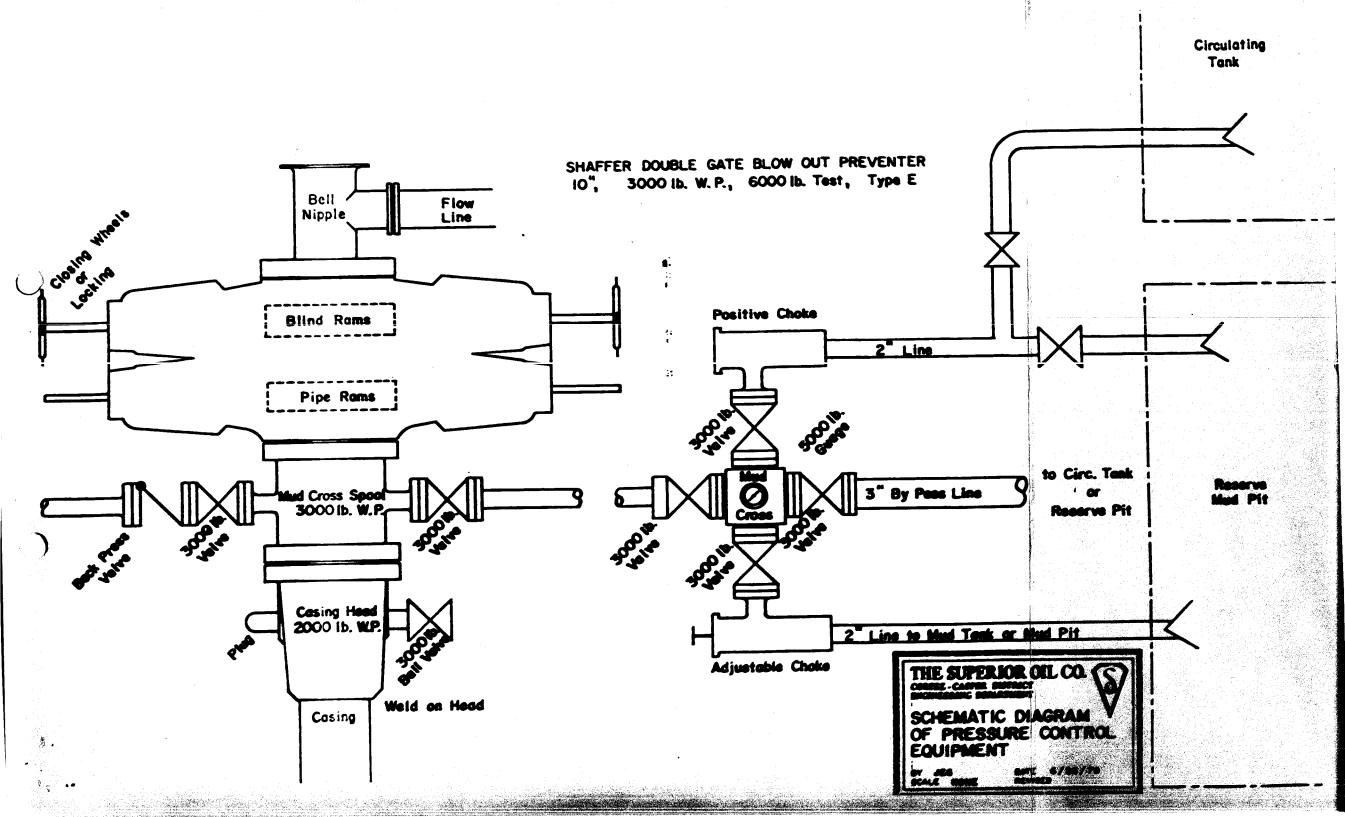
rams and drill pipe rams hydraulically and manually controlled. The schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual

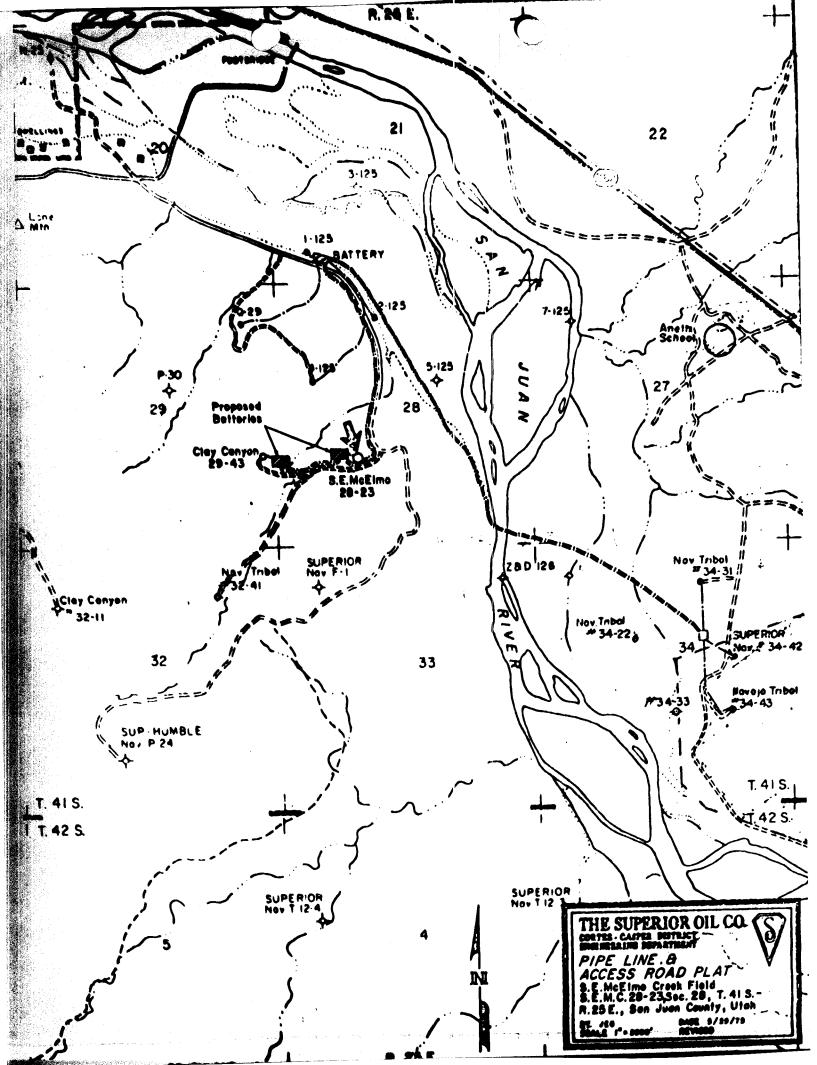
inspection.

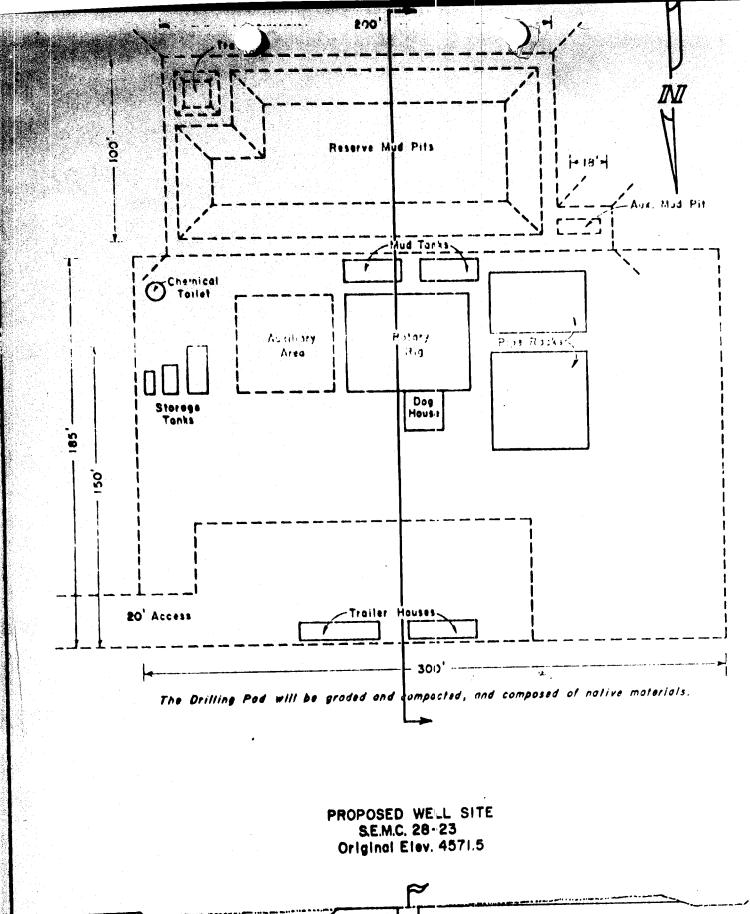
ANTICIPATED STARTING DATE: October 31,1979

DURATION OF DRILLING OPERATION: 21 days

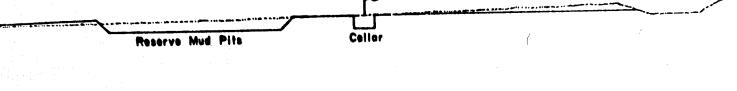












THE SUPERIOR OIL CO. CONTES CASPER DISTRICT SHOWING BEING PERSONS THE PAD CROSS SECTION S.E.M.C. Well No. 28-23 S.E.McELMO CREEK FIELD DATE 8/28/79

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 4, 1983

RECEIVED

FEB 9 1983

SUPERIOR OIL CORTEZ SUB OFFICE

Superior Oil Co. P.O. Drawer G Cortez, Colorado 81321

Attn: Greg Merrion

RE: Injection Well Application

#28-23

Sec. 28, T 41 S, R 25 E

Dear Mr. Merrion:

The Division cannot approve the subject injection well as proposed in your application. The application makes no mention of plans to install a tubing and packer, this arrangement cannot be condoned. Please provide a proposed wellbore sketch to complete the application.

If you have any questions, please call.

Sincerely,

DIVISION OF OIL, GAS & MINING

GILBERT L. HUNT UIC GEOLOGIST

GLH/mn

Notice has been sent to the following:

Newspaper Agency Corp. San Juan Record

Superior Oil Company P.O. Drawer "G" Contez, CO 81321

Ut. Dept. of Health Water Pollution Control Attn: Jerry Riding 150 W. N. Temple Salt Lake City, UT

U.S. Environmental Protection Agency 1860 Lincoln Street Attn: Mike Strieby Denver, CO 80295

Minerals Management Service 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Navajo Indian Tribe Window Rock, AZ 85615

July 18, 1983

#### **SUPERIOR** OIL

July 5, 1983

Gilbert Hunt State of Utah Division of Oil, Gas & Mining 4241 State Office Bldg Salt Lake City, Utah 84114

> Re: S. E. McElmo #28-23 Section 28, T41S, R25E San Juan County, Utah

Dear Sir:

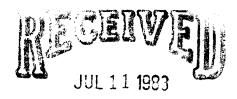
Attached please find a "Proposed Wellbore Sketch" for the subject well. An application to convert this well to injection was submitted in January 1983 but was never approved because the proposed wellbore sketch was not included (see attached letter). Thanks for your cooperation in this matter and Superior will await your approval of the above-mentioned application.

Sincerely,

SUPERIOR OIL COMPANY

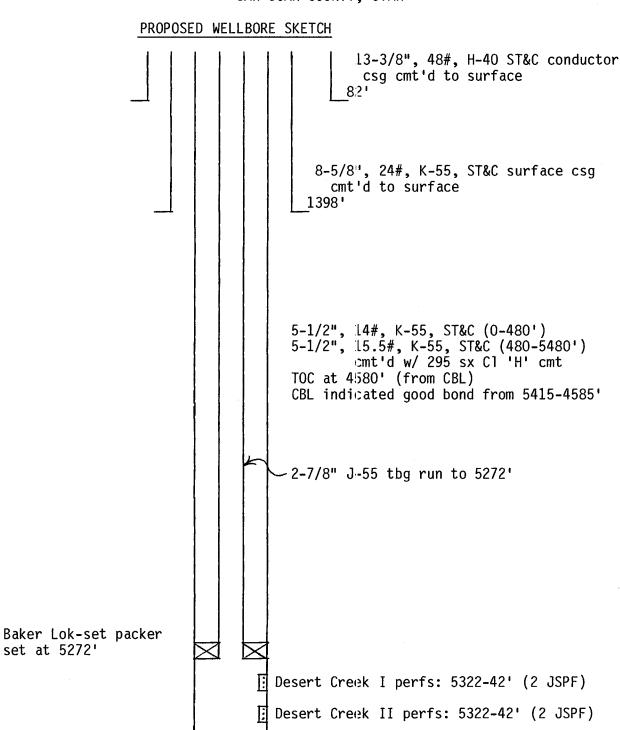
T. Greg Merrion
Production Engineer

TGM/1h Attach.



DIVISION OF OIL GAS & MINING

S.E. McELMO #28-23 S.E. McELMO FIELD SAN JUAN COUNTY, UTAH



5446' ΤD: 5480

set at 5272'

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 18, 1983

San Juan Record Legal Advertising Monticello, UT 84535

Re: Cause No. UIC-018

Gentlemen:

Attached hereto is a Notice of Application for Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources and Energy, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 26th day of July, 1983. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

ranjorie L. Lauson

MARJORIE L. LARSON Secretary of the Board

an equal capadunity emaiquer + blease recycle daper

### **AFFIDAVIT OF PUBLICATION**

I, Joyce Martin, being duly sworn,
epose and say that I am the publisher of the San
uan Record, a weekly newspaper of general circulation
ublished at Monticello, Utah, every Thursday; that
otice of cause no. UIC-018
copy of which is hereunto attached, was published in
he regular and entire issue of each number of said
ewspaper for a period of One issues, the first
ublication having been made on
nd the last publication having been made on July
Wenty-eighth
Signature Tycela Market
Publisher
ubscribed and sworn to before me this Twenty-eighth
ay of <u>July</u> , A.D.1983.

, A.D. 1983

Notary Public
Residing at Monticello, Utah
May 17, 1986

My commission expires

#### **PUBLIC NOTICE**

BEFORE THE DIVISION OF OIL, GAS AND MINING

Room 4241 State Office Building Salt Lake City, Utah 84114

IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 28-23, SECTION 28, TOWNSHIP 41 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH.

CAUSE NO. UIC-018

------

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN SAN JUAN COUNTY, UTAH:

NOTICE IS HEREBY GIVEN THAT Superior Oil Company, P.O. Drawer "G", Cortez, Colorado 81321, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 41 South, Range 25 East

Sec. 28, # 28-23 SW NE SW INJECTION ZONE: Ismay -Desert Creek 5,322 feet to 5,408 feet

MAXIMUM INJECTION PRES-SURE 2,500 psig MAXIMUM INJECTION RATE:

1,000 barrels of water per day
This application will be granted
unless objections are filed with
the Division of Oil, Gas and
Mining within fifteen days after
publication of this Notice. Objections if any, should be mailed
to; Division of Oil, Gas and
Mining, Room 4241 State Office
Building, Salt Lake City, Utah

84114.

DIVISION OF OIL, GAS AND MINING s/Marjorie L. Larson Secretary of the Board Published in The San Juan Record July 28, 1983.

#### AFFIDAVIT OF PUBLICATION

	published at Monticello, Utah, every Thursday; that
	notice of cause no. UIC-018
Lotter in the second	a copy of which is hereunto attached, was published
	the regular and entire issue of each number of said
7.	newspaper for a period of <u>One</u> issues, the first
$=$ $\sim$ $\sim$ $\sim$ $\sim$	publication having been made on
146 27 1623 1893	and the last publication having been made on July
100/1/02	Twenty-eighth
	Signature Joyce a. Marti
	Subscribed and sworn to before me this Twenty-eigh
	day of, A.D.1983
	Deserthed Rose

My commission expires

I, Joyce Martin, being duly sworn,

depose and say that I am the publisher of the San

Juan Record, a weekly newspaper of general circulation

published in

Residing at Monticello, Utah

May 17, 1986

#### **PUBLIC NOTICE**

BEFORE THE DIVISION OF OIL,

Room 4241 State Office Building Salt Lake City, Utah 84114

IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 28-23, SECTION 28, TOWNSHIP 41 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH.

CAUSE NO. UIC-018

THE STATE OF UTAHTOALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN SAN JUAN COUNTY, UTAH:

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Township 41 South, Range 25 East

Sec. 28, # 28-23 SW NE SW INJECTION ZONE: Ismay -Desert Creek 5,322 feet to 5.408 feet

MAXIMUM INJECTION PRES-SURE 2,500 psig

MAXIMUM INJECTION RATE: 1,000 barrels of water per day

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING
s/Marjorie L. Larson
Secretary of the Board

#### BEFORE THE DIVISION OF OIL, GAS AND MINING Room 4241 State Office Building Salt Lake City, Utah 84114

IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 28-23, SECTION 28, TOWNSHIP 41 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH.

CAUSE NO. UIC-018

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN SAN JUAN COUNTY, UTAH:

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Township 41 South, Range 25 East
Sec. 28, # 28-23 SW NE SW

INJECTION ZONE: Ismay - Desert Creek 5,322' to 5,408' MAXIMUM INJECTION PRESSURE 2,500 psig

MAXIMUM INJECTION RATE: 1,000 barrels of water per day

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

MARJORIE L. LARSON Secretary of the Board

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 27, 1983

Newspaper Agency Corp. Legal Advertising 143 South Main Salt Lake City, UT

RE: Cause No. UIC-018

Gentlemen:

Attached hereto is a Notice of Application for Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources and Energy, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Dil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

- Dayone L. Louson

MARJORIE L. LARSON

Secretary of the Board

~ .	_	~ .		
County	of	Salt	Lake	e

	Cheryl Gierloff
IEFORE THE DIVISION OF CIL, (AS AND MINING Room 4241 State Office Building Sait Lake City, Ut 84114 IT HE MATTER, OF THE APPLICATION OF SUPERIOR OL COMPANY, FOR ADMIN- ITRATIVE APPROVAL TO II JECT WATER INTO WELL N. 36-23, SECTION 28, TOWN- SIIP 41 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTA-1. THE STATE OF UTAH TO AL PIERSONS, OWNERS, FODUCERS, OPERATORS, FURCHASERS AND TAKERS CF DIL AND GAS AND ALL CHER INTERESTED PER SONS, PARTICULARLY IN NOTICIE IS HEREBY GIVEN THAT SUPERIOR OIL COMPANY, F.O. Drawer "G", Cortez, Cho'ado 81321, is requesting that the Division authorize the aproval to convert the well nerrioned below, to a water inection well as follows: Township 41 South, Range 25 East Sec. 28, #28-23 SW NE SW IN JECTION ZONE: Ismay Desert Creek 5,322' to 5,408' MAXI/AUM IN JECTION FRESSURE 2,500 psig MAXI/AUM IN JECTION FATE: ,000 barrels of water Fr (lay This application will be grarted unless objections are filed with the Division of Oil, (as and Mining, Ropen 424) tat: Office Building, Self-Lake (ity Utah 84114.  STATE OF UTAH DIVISION OF OIL GAS AND MINING NARJORIE L LARSON Secretary of the Board	Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.  That the legal notice of which a copy is attached heretom
Secretary of the Board	Chery Clier loff Legal Advertising Clerk
	efore me this
August	A.D. 19.65
	Molomaty Notary Public
My Commission Expires	
Cct. 1, 1986	

County	of	Salt	Lake
Country	$\mathbf{v}_{\mathbf{I}}$	Dane	Lanc

Cheryl Gierloff
Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.  That the legal notice of which a copy is attached hereto In the Matter of the application of Superior  Oil Co. U.C.—O.S.  was published in said newspaper on  August 4, 1983.  Legal Advertising Oferk
e me this day of
A.D. 19.83
Molonaly Notary Public

County	of	Salt	Lake
--------	----	------	------

	Cheryl Gierloff
BIJFONE THE DIVISION OF OIL, GAS AND MINING ROOM 4241 State Office Building Salt Lake City, UT 84114 N. THIE MATTER OF THE AP 21 (CATION OF SUPERIOR DIL COMPANY, FOR ADMINISTRATIVE APPROVAL TO IN. ECT WATER INTO WELL NO. 28:3, SECTION 28, TOWN-SH P 41 SOUTH, RANGE 28 EAST, SAN JUAN COUNTY, UTAH.  THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, OPERATORS, OPERATORS, OPERATORS, OPERATORS, PRODUCERS, OPERATORS, O	Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.
THAT Superior Oil Company, P.). Drawer "G"., Cortez, Colorado 8132), is requesting	That the legal notice of which a copy is attached hereto
approval to convert the well mentioned below, to a water in ection well as follows:	In the Matter of the application of Superior
Township 41 South, Ranse 25 East Sec. 28, #28-23 SW NE SW INJECTION ZONE: 1009	0il.Co. 410 - 618
MAXIMUM INJECTION PRESSURE 2,500 psig MAXIMUM INJECTION RATE 1,000 barrels of water	
pr da/ This application will be granted unless objections are fied with the Division of Oil. Gas and Mining within fifteen days after publication of this Natice. Objections if any, and the production of the control o	
Oil, Gas and Mining, Room 4241 Sate Office Building, Salf Lake City, Utah 84114.	was published in said newspaper on
STATE OF UTAH DIVISION OF OIL, GAS AND MINING MARJORIE L. LARSON Secretary of the Board  L-62	August 4, 1983.  Legal Advertising Clerk
Subscribed and sworn to before	
August	A.D. 19.83
	Soloma T Notary Public
My Commission Expires	
Oct. 1, 1986	

County of Salt Lake	
	Cheryl Gierloff
BLIFORE TEST LION OF OHE GAS AND SECOND TO HE GAS A	Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.  That the legal notice of which a copy is attached hereto In the Matter of the application of Superior.  Oil Co. UK - O/S  was published in said newspaper on
Subscribed and sworn to before	e me this day of
August	A.D. 19.83
	Solonay Notary Public
My Commission Expires	S.O. CONATY
Oct. 1, 1986	

uc-018.

## CLASS II FILE NOTATIONS \* \* \* \*

DATE FILED: 1-17-83  T-18-83  Sec. 28 T. 4/5R. 25 F QRT/QRT: 50/NF/SW COUNTY: Sen Juan
DATE FILED: 47-16-83  OR THE PROPERTY OF THE ORTHOPT: 50/105/50/ COUNTY:
Sec. 28 T. 4/5R. 201 QRI/QRI. 4/50 Fobanced Recovery
New Well? Conversion? Disposal Enhanced Recovery
***
SURETY/Bond? Card Indexed? API Number: 43-03>-305//
APPLICATION FILE COMPLETION
Completed Form DOGM-UIC-1? (100)
Plat identifying location and total depth of the following, Rule I-5(b)(1):
Plat identifying location and total depth of the following, Rule I-5(b)(1):  Surface Owner(s):Operators: water well(s), abandoned well(s), producing wells or drilling well(s), dry holes
Completed Rule I-5(b)(2)? (i), (ii),
Schemetic diagram of Well: TD: 5480, PBTD: Depth of Inj/Disp interval: 5322-5408, geologic name of inj/dis interval Ismay - Desert Crks Casing and cement: top Surfoce, bottom, Size of: casing 1338/18/13/18/18/18/18/18/18/18/18/18/18/18/18/18/
Proposed Operating Data:
Procedure for controlling injection rates and pressures: Mottle value Geologic name: Analysis of water to be injected 1200 ppm tds, water of injection formation 105,000 tds., EXEMPTION REQUIRED? 10 . Limisters analysis of water to be injected 1200 ppm tds.
Injection zone and confining zone data: lithologic description, dole geologic name, thickness, depth,
USDW's that may be affected by injection: geologic name lateral extent USDW's depth to the top and bottom of all known USDW's fresh water a 1328'  Contingency plans?
,
Results of formation testing, injection procedure, injection procedure
*****
CHECKED BY: UIC ADMINISTRATOR:
0
UIC GEOLOGIST:
Application Complete? (Ass. Notice Published (Ass.) Date: 7_10483 DIRECTOR: Approved?, approval letter sent, Requires hearing
WAS APPROVED by BLM 1/17/83



NUV5 1010

CORTEZ

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON Chairman

JOHN L. BELL C. RAY JUVELIN THADIS W. BOX CONSTANCE K. LUNDBERG EDWARD T. BECK E. STEELE McINTYRE

SCOTT M. MATHESON Governor

GORDON E, HARMSTON Executive Director, NATURAL RESOURCES

> CLEON B. FEIGHT Director

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 841116 (801) 533-5771

November 1, 1979

The Superior Oil Company P.O. Drawer "G" Cortez, Colorado 81321

> Re: Well No. Southeast McElmo Creek #28-23 Sec. 28, T. 41S, R. 25E., San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that The Superior Oil Company owns or controls the acreage within a 660' radius of the proposed well site.

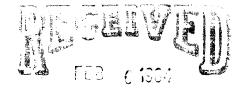
Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

> MICHAEL T. MINDER Geological Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30511.



Sincerely,

DIVISION OF OIL, GAS AND MINING

11:5

A. .:

michael I Minder

Michael T. Minder Geological Engineer

/btm

DIVISION OF Gil. GAS & MINING

cc: Phil McGrath

USGS

RECEIVED

#### SUPERIOR OIL

APR 1 6 1984

April 12, 1984

DIVISION OF OIL
GAS & MINING

State of Utah Oil, Gas & Mining 4241 State Office Bldg Salt Lake City, Utah 84114

> Re: S. E. McElmo #28-23 Section 28, T41S, R25E San Juan County, Utah

Dear Sir:

Enclosed please find the regulatory forms required for converting the subject well from a temporarily abandoned status to an injection well. The forms were previously submitted January 11, 1983, but the work has not been performed and because of the time which has transpired, they are being re-submitted for approval.

Respectfully submitted,

T. Greg Mekrijon Petroleum Engineer Superior Oil Company

TGM/1h Enc.

Form 3160-5 November 1983) Formerly 9-331)	UNI STATES DEPARTMENT OF THE INT BUREAU OF LAND MANAGEM		
SUN (Do not use thi	UDRY NOTICES AND REPORT s form for proposals to drill or to deepen or p Use "APPLICATION FOR PERMIT—" for st	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL GAS WELL	OTHER TEMPORARILY ABAI		7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME
SUPERIOR O			SOUTHEAST MCELMO
	G', CORTEZ, COLORADO 8132 Report location clearly and in accordance with low.)		#28-23  10. FIELD AND POOL, OR WILDCAT  SOUTHEAST MCELMO  11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA  SEC. 28, T415, R25E
14. PERMIT NO.	15. ELEVATIONS (Show wheth		12. COUNTY OR PARISH 13. STATE
API #43-037-305			SAN JUAN   UTAH
16.	Check Appropriate Box To Indica	ie Nature of Notice, Kepo	ort, or Other Data  Subsequent report of:
17 DESCRIPE PROPOSED O	MULTIPLE COMPLETE  ABANDON* CHANGE PLANS  ERT TO INJECTION  R COMPLETED OPERATIONS (Clearly state all perf well is directionally drilled, give subsurface	Completion of	
3. RIH 4. NU 5. RDM	<pre>11 out cement &amp; CIBP.  w/ plastic coated packer &amp; wellhead.</pre>	2-7/8" tubing. Se	et pkr at 5250'.
			RECEIVED
	APPROVED BY TO OF UTAH DIVIS OIL, GAS, AND I DATE:	ION OF	APR 1 6 1984  DIVISION OF OIL  GAS & MINING
signed T. Gr	the foregoing is true and correct  Of Merrion  Title  Title	Production Engine	eer 4-12-84 DATE
	PPROVAL, IF ANY:		

\*See Instructions on Revene Side

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 18, 1984

SUPERIOR OIL COMPANY
P.O. Drawer "G"
Cortez, Colorado 81321
ATTN: Greg Merrion

RE: S.E. McElmo #28-23 Section 28, T41S, R25E San Juan County, Utah

#### Gentlemen:

The Division has no objection to conversion of the above referenced well to water injection.

The casing should be pressure tested in accordance with Rule I-6 prior to commencement of injection.

Sincerely,

Associate Director

DIVISION OF OIL, GAS AND MINING

GH/mfp

cc: Navajo Tribe

EPA

ORM NO. DOGM-UIC-5 (1981)

#### STATE OF UTAH DIVISION OF OIL, GAS, AND MINING Room 4241 State Office Building Salt Lake City, Utah 8414 (801) 533-5771

RULE I-7 (d & e)

## NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION

(Circle appropriate heading)

Check Appropriate Classification:	Date of Commencement/ <del>Termination</del> 12-5-84
Disposal Well	
Enhanced Recovery Injection Well 🕮	
Enhanced Recovery Project 🗆	
Well Name S. E. McElmo # 28-23	
Location: Section28 Twp41S Rng.	
Order No. authorizing Injection UIC - 018	DateApril 18, 1984
Zone into Which Fluid InjectedDesert_Creek	
	ction, please indicate date well commenced injection ion, please indicate if well is to be plugged or returned to production; if ing interval
OperatorMobil Oil Corporation, Ac	gent for Superior Oil Company
Address P.O. Drawer "G" Cortez	, Colorado 81321
	Signature R. Dentici
	1/31/85 Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project inject on wells.

Form 3160-5 (November 1983) (Formerly 9-331)  DEPARTMENT  BUREAU OF LAND M	HE INTERIOR	SUBMIT IN TRIPLI (Other instructions 1 verse side)	Expires Aug  5. LEASE DESIGNAT	eau No. 1004—0135 rust 31, 1985 100 AND SERIAL NO. 603-700
SUNDRY NOTICES AND  (Do not use this form for proposals to drill or to Use "APPLICATION FOR PERM	REPORTS ON	to a different reservoir.	6. IF INDIAN, ALLO	TTEE OR TRIBE NAME
1.	ER INJECTION	A ECEIVEL	7. UNIT AGREEMEN	T NAME
2. NAME OF OPERATOR		Fro.	O. FARE OR LIBEOR	
SUPERIOR OIL COMPANY		FEB 1 1 1985		ST McELMO
3. ADDRESS OF OPERATOR  P. O. DRAWER 'G', CORTEZ,  4. LOCATION OF WELL (Report location clearly and in acco. See also space 17 below.)	COLODADO 013	2 DIVIO	9. WELL NO. #28-23	
P. U. DRAWER G., CURTEL, 4. LOCATION OF WELL (Report location clearly and in account.)	CULUKADU 013 rdance with any State	e recording OF OI	10. FIELD AND POOR	, OR WILDCAT
P. O. DRAWER 'G', CORTEZ,  4. LOCATION OF WELL (Report location clearly and in acco. See also space 17 below.) At surface	•	MINING	SOUTHE	AST McELMO
			11. SEC., T., E., M., SURVEY OR A	OPATE AND
1654' FWL, 1761' FSL				
14. PERMIT NO.   15. ELEVATIONS	(Show whether DF, RT, (	The eta )	SEC. 2	8, T41S, R25E
			SAN JU	1
43-037-30511		35.6', GL: 4571'		ASIS OTAL
16. Check Appropriate Box	lo Indicate Natur	e of Notice, Report, or	Other Data	
NOTICE OF INTENTION TO:		SUBSEC	QUENT REPORT OF:	
TEST WATER SHUT-OFF PULL OR ALTER CAS	SING	WATER SHUT-OFF	REPAIRI	WELL
FRACTURE TREAT MULTIPLE COMPLET	TE	FRACTIRE TREATMENT	-	G CASING
SHOOT OR ACIDIZE  REPAIR WELL  CHANGE PLANS		SHOOTING OR ACIDIZING	ABANDON	1 <del></del> 1
REPAIR WELL CHANGE PLANS (Other)		(Othe Reachtry, CO (Norm: Report result	is of multiple completi pletion Report and Los	on on Well
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly s proposed work. If well is directionally drilled, give nent to this work.) •				
11-28-84: MIRU workover rig. 11-29-84: RIH w/ bit & scraper. 11-30-84: Drilled out to 5280'. 12-1-84: RIH w/ sandline drill. Lock-set pkr and plasti 12-2-84: Finished in hole w/ inj w/ inhibited fresh wate 12-5-84: Well placed on injectio	Tagged CIBP. Knocked out c coated hyre ection equipmer and tested	POH w/ bit & scr CIBP at 5280'. S il tbg. ment. Set pkr at	Started in <b>hol</b> 5282'. Fille	
		,		
	•			
18. I hereby certify that the foregoing is true and correct				
SIGNED Roberto Dentici	TITLEFng	ineer	DATE	1-31-85
(This space for Federal or State office use)				
( man apace for newsans on news owner and)			_	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	

#### **Mobil Oil Corporation**

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

#### SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with <u>Mobil Exploration and Producing North America Inc. (MEPNA)</u>, which is also a wholly cwned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

CNE/rd 3.

R. D. Baker
Environmental Regulatory Manager

# WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2) FOR THE CORTEZ SUPERVISOR AREA FOR THE GREATER ANETH FIELD) 05/13/86

PROPERTY NAME	WELL Nanë	COUNTY	STATE	eco ten	SHP RI	; <b>r</b>	WELL Type	STAT	, ADT 18345CD	FEDERAL	STATE	UNIT
		0001111	21M1E		2Hr Kr	tu 	1175	i -	API NUMBER	LEASE NUMBER	NUXBER	NUMBER
MC ELMO CREEK	R15	SAN JUAN	ប្រ	NW SW 04	-415-25	ΣE	INJ	01,	43-937-95679	14-20-603-2057		96-604190
	R15-1	HAUL MAZ	UT	NN ZM 64	-415-25	ΣE	INJ	\$7	43-037-05670	14-20-603-2057		96-004190
	5-10	SAN JUAN	ŰΤ	SE NU 33	-405-25	ξ	INJ	0P	43-037-05757	14-20-603-2057		76-004190
	S-12V	MAUL MAZ	UT	SE S₩ 33	-405-25	ΣE	LNI	op	43-037-16150	14-20-603-2057		96-604190
	S-14 V	SAN JUAN	UT	ZE MM 64	-415-23	ΣE	INJ	01)	43-937-16151	14-20-603-2057		96-004190
	T-08 🗸	SAN JUAN	UT	SW SE 28	-408-25	ΣE	INJ	Ol,	43-037-05793	14-20-603-2048-A		96-004190
	T-13	MAUL MAZ	UT	NW NE 04	-415-25	E	INJ	0I)	43-037-05714	14-20-603-2057	•	96-004190
	T-15~	SAN JUAN	UT	NW SE 04	-41 <b>S</b> -25	Æ	LMI	01'	43-037-05660	14-20-603-2657		96-004190
	T-17 🗸	KAU JUAN	UT	NU NE 09	-415-25	Έ	INJ	0p	43-037-05614	14-20-603-359		96-604190
	T-19 V	SAN JUAN	UT	NW SE 69	-41S-25	Έ	IHJ	GF:	43-037-15981	14-20-603-359		96-004190
	U-10 🗸	SAN JUAN	UT	SE NE 33	<b>-4</b> 05-25	ξE	INJ	gp	43-037-05761	14-20-603-2057		96-004190
	A-09 <b>\</b>	SAN JUAN	UT	SW NW 27	-405-25	ΣE	INJ	Q[ '	43-037-16382	14-20-603-2048-A		96-004190
	V-13,~	SAN JUAN	UT	HW HW 03	-415-23	Ξ	INJ	90	4 <b>3-</b> 037-05706	14-20-603-2057		96-004190
	V-15 V	SAN JUAN	UT	MM ZM 03	-418-23	Ε	INJ	OF:	43-037-05669	14-20-603-2057		96- <del>09</del> 419 <b>0</b>
NAV TRACT 125	28-23 🗸	/SAN JUAN	UT	NE SW 28	-415-25	Έ	INJ	0i)	43-037-30511		•	· Ş
WHITE KESA	2-21	MAUL MAZ	UT	NE NW 2	-428-24	Ε	IiIJ	CI'	43-637-15534	14-20-603-259		96-004193
	3-12	SAN JUÂN	UT	SM MM 3	-425-24	E	INJ	01,	43-037-15366	14-20-603-410		96-004193
•	3-21	SAN JUAN	UT	NE NW 3	-425-24	3	LMI	GF:	43-037-15363	14-20-603-410		96-004193
	3-23	SAN JUAN	UT	NE SW 3	-42S-24	Ε	INJ	Th	43-037-16447	14-20-603-410		96-004193
	4-14	MAUL MAZ	UT	NE SE 4	-42S-24	£	INJ	OF:	43-637-16448	14-20-603-410		96-004193
	4-21	SAN JUAN	UT	NE NW 4	-42S-21	Ε	LMI	01:	43-037-15364	14-20-603-410		96-004193
	4-32 V	MAUL MAZ	UT	SW NE 4	-42S-24	Ε	LMI	OI,	43-037-15365	14-20-603-410		96-004193
	4-34 🗸	MAUL MAZ	UT	SW SE 4	-42S-24	E	INJ	01,	43-037-16449	14-29-603-410		96-004193
	4-41	SAN JUAN	UT	NE NE 4	-42S-24	Ε	INJ	OF'	43-037-16446	14-20-603-410		96-004193
	4-45	SAN JUAN	üΤ	HE SE 4	-428-24	E	LKI	011	43-037-15369.	14-20-603-410		96-004193
	10-41	SAN JUAN	IJΤ	NE NE 10	-42S-2 <sup>2</sup>	Ε	LKI	3	43-037-16450	14-20-663-410	•	96-004193
	22-23	MAUL MAZ	UT	NE SU 22	-425-24	E	INJ	g.,	43-037-16438	14-20-603-355A		96-004193
	22-32	MAUL MAZ	ÜT	3W NE 22	-415-24	ŧΕ	INJ	Z	43-037-15759	14-20-60 <b>3</b> -355A		96-004193
	22-42 🔻	HAUL HAZ	UT	SW-SE 22	-415-20	ΙE	LMJ	3	43-037-16437	14-20-603 <b>-355</b> A		96-604193
	28-34	SAN JUAN	UT	SM SE - 28	-413-2	ŧΕ	INJ	\$1	43-037-16441	14-20-603-409		96-004193

•			(§		
Form 3160-5	UNITED S	TATES SUBMI	T IN TRIPLICATE		
(November 1983)	DEPARTMENT OF		1	5. Lease Designat	
(Formerly 9-331)	BUREAU OF LAND	MANAGEMENT	1	14-20-603	
	·			6. Indian, Allot	iee Iribe Name
SI	JNDRY NOTICES AND	REPURIS UN		Navajo	· Nino
	1 1 044	PARRIER		7. Unit Agreement	. IAGME
1. Oil Well IX: Gas Well	i i Uther (13)			By Farm Ur Cease	Name
<ol> <li>Name Of Operator</li> <li>Mobil Oil Corporation</li> </ol>				Navajo #125	13
3. Address Of Operator	44	JUL 1 '988	1	9. Well No.	<del></del>
. P. O. Box 5444, Denver,	CO 80217-5444	JOL	<u> </u>	2	
4. Location Of Well		DIVISION OF	3	10. Field And Poo	
NE NW Sec.	. 28, T415, R26E SLM	GL, GAS & MINING	<u>.</u>	S. E. Mc Elmo	
			į	11. Sec., T., R., Sec 28, T415, R	
14. Permit No.	: 15. Elevation				13. State
. 43-037-1559				•	Utah
16.	Check Appropriate Box To Inc	icate Nature o Notic	e, Report, or O	ther Data	
	Intention To:	1	Subsequen	t Report Of :	
Test Water Shut-off : 1	Pull Or Alter Casing	!   Water Shut		Repairing Well	
Fracture Treat	Multiple Complete :			Altering Casing	
	Abandon	: Shouting C	r Acidizing 1:	Abandonment	; ; ; X ;
Repair Well !:			LE OF PROPERTY		141
(Other)	•	j j Į			•
17. Describe Proposed Or Co	anlated Amerations —				
17. DESCRIBE TOPOSCO OF DE					
OIL AND O DRN JRB DTS 1-TAS	n Park Center Utah 84047  GAS  RJF  GLH  SLS		per Diena L and Dangs mobil Oil Co involved Com the mc Elmo a part of the	MEPNA (30) Bower & Ting H rows w/boam of rp. (MEPNA) to rplete lesse "No Creek # 28-23/ is trect	13) 565-2924 Ligman w/mepsl en. change from Pioneer Cil E. Gas eva fo Tract #125 43-037-30511 wa
3- FILE	1				
	2				
18. I hereby certify that th	ne foregoing is true and cor	ect			
(1)	11.111	<b>L</b>			300
Signed Man ly	for sol rugue	TitleMgr., Regulati	ory Compliance	Date <u>June 28, 1</u> 9	788
Approved By		Title		Date	
nypioved by				<del> </del>	

Conditions Of Approval If Any:

# UTAH DIVISION OF OIL, GAS AND MINING 43-037-30511 CASING-BRADENHEAD TEST

OPERATOR:/Y	EPN	M				
FIELD: FIRE	r Ane	th-	~	LEASE:	Mc Elmo Cree	, <u>f</u>
WELL # 28	-23			SEC23	TOWNSHIP 4/5 RANGE	23 E
STATE FED. FI	EE DEPT	H 5480	TYP	e well <u>1</u> /	VJW MAX. INJ. PRESS.	2800
TEST DATE	9/10/	86		•		
CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	13%	100	sufe	in )	blew down in	
INTERMEDIATE	85/8	1900	800	0#	blew down in	rAte 252
PRODUCTION	5/2	3480	795		à few seconds	
TUBING		<u> </u>		15002	Read on strainer value	
CASING STRING		SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE			<del></del>			
INTERMEDIATE						
PRODUCTION					·	<del></del>
-	·					**************************************
TUBING	<del></del>				· .	<del></del>
				PRESSURE		
CASING STRING	SIZE	SET AT	CMT	READINGS	REMARKS	FUTURE
SURFACE						·
INTERMEDIATE		<del></del>	<del></del>	1		
PRODUCTION						· · · · · ·
						· <del>· · · · · · · · · · · · · · · · · · </del>
TUBING						

Form 3160—5	UNITED-STATES	SURMIT IN TRIPLICA	/ Budg	et Bureau No. 1004-0135	5
444	TMENT OF THE INTER	OR verse side)		res August 31, 1985 Maignation and small no.	-
(0 000000)	EAU OF LAND MANAGEMEN		14-20	) <del>-</del> 603-7 <b>00</b>	
	OTICES AND REPORTS (		C IF INDIA	M, ALLOTTER OR TRIBE MAME	•
SUNDALINATION OF PRO	possels to drill or to deepes or plug buildation for PERMIT—" for such pr	pack to a different reservoir.			
	ICATION FOR PERMIT—" for such D	ropostit.)	Navaj		-
1. est. 당 대		MEPERSON	1	BRAN THRESS	
WELL WELL COTHER		13 / M. C. J. 197	TO THE PARK OF	LEASE WAME	-
L HAME OF OPERATOR			J. 1111		
Pioneer Oil and Ga	5	AUG 15 1990	MCETI	o S.E.	-
	nter, Suite 145, Midva		See B		
tocarios or WELL (Report locatio	a dearly and in accordance with any	State requirements   100 / 100	10. FIELD A	MD POOL, OR WILDCAT	•
See also space 17 below.) At surface	art and a second a second and a second a second and a second a second and a second a second and a second and a second a second a second a second and a second and a second a second a second a second and a second a	VIL. GAS & MINING	McElm	o S.E.	
		·	11. SEC., 2.	R. M. OR BLE. AND	
See Below		•	SURY:	ST OR ARMA	
500 5050					
4. PERMIT NO.	15. BLEVATIONS (Show whether DF.	st, ca, etc.)	12. COG#11	OR PARISE 13. STATE	•
	·		San J	Tuan Utah	
	A D T I be a Ni	LA (NI-stan Dana A.	O4 . D .		,
d. Check	Appropriate Box To Indicate N	ature of Notice, Report, o	or Other Data		
NOTICE OF IN	ENTION TO:	802	enquint enforce	)#;	
TEST WATER SHUT-OFF	PCLL OR ALTER CASING	WATER SEUT-OFF		EPAIRING WELL	
PRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE THEATMENT		TIRRING CTRING	
SHOOT OR ACIDIZE	ARANDON®	SECOTING OR ACIDIZING		**************************************	
REPAIR WELL	CHANGE PLANS	(Other)			. :
(Other) Change	of Operator X	(Norn: Report res Completion or Reco	ults of multiple c expletion Report :	ompletion on Well	:
<u>Well Name</u> No. 1. Navajo 125	Legal Description SWSW 21-41S-25E	<u>Well Type</u> P		API Number 43-037-15541	
No. 2. Navajo 125	NENW 28-41S-25E	Р		43-037-15542	
No. 4. Navajo 125	SWNW 28-41S-25E	Р		43-037-15543	* ^ La
No. 28-23	NESW 28-41S-25E	INJ	SI .	43-037-305111	MERMA
Oil and Gas shall	as has assigned all its owners no longer be the operator of the and Production Company sha	he subject properties.			11121
<b>P</b>		New Operator:	•		
Former Operator: Pioneer Oil and Ga	is	Giant Explorat PO Box 2810 Farmington, N	ion & Producti	ion Company	
Signed: Mega Gregg B Date: July 30/1	Colton, Vice President	Signed: <u>Ol</u> Title: <u>Aldric</u> Date: <u>August</u>	h L. Kuche	ra, President an	d CEO
				constabligate galge a lanco en	:
I. I hereby certify that the feregoing		_		Control of the Section of the Sectio	A CONTRACTOR
SIGNED ( Arcall		Land Manager	DATE	July 31, 1990	
R. Heggie Wilso				3	The state of the s
(This space for Federal or State o	100 div)			The state of the s	-
APPROVED BY	TITLE		DATE	1.7	
CONDITIONS OF APPROVAL IF	ANT:				

7					
OPERATOR C	ANGE HORKSHEET XOha	nges made 9-26	90		Routing:
	ocumentation received by the division regallisted item when completed. Write N/A if		able.		2- DFSDTS 3- VLC V 4- RJF V
		Designation of Operator Name		1	7- LCRip
The operate	or of the well(s) listed below ha	s changed (EFFE	CTIVE DATE:	8-1-90	)
TO (new operation)	erator) GIANT EXPLOR. & PROD. CO. ddress) P. O. BOX 2810 FARMINGTON, NM 87499	_ FROM (forme _	r operator) (address)		PARK CTR. #145
	phone <u>(505 ) 326-3325</u> account no. <u>N 0075</u>	<del></del> 		phone <u>(801)</u> account no.	566-3000 N 3025
Hell(s) (at	tach additional page if needed):				
Name: <u>NAVA</u> Name: <u>NAVA</u> Name: SEMT	API: 4303730748  API: 4303730748  API: 4303730748  API: 4303715524  API: 4303715541  API: 4303715541  API: 4303715541  API: 4303715541  API: 4303715541  API: 4303715542  API: 4303715542  API: 4303715543  API: 4303715543  API: 4303715543  API: 4303730747  API: 4303730747  API: 4303730747	Entity: 00546 Entity: 05995 Entity: 05990 Entity: 05990 Entity: 05990 Entity: 99991 Entity: 06020	Sec 29 Tw Sec 21 Tw Sec 28 Tw Sec 28 Tw Sec 27 Tw	p 41SRng 25E Le p 41SRng 25E Le p 41SRng 25E Le p 41SRng 25E Le p 41SRng 26E Le	ease Type: INDIAN
OPERATOR C	HANGE DOCUMENTATION				
	le R615-8-10) Sundry or other rator (Attach to this form).	<u>legal</u> documenta	ation has	been receive	d from <u>former</u>
fcf 2. (Ru (At	le R615-8-10) Sundry or other <u>lec</u> tach to this form).	<u>nal</u> documentatio	n has been	received fro	m <u>new</u> operator
ope yes	Department of Commerce has been rating any wells in Utah. Is co	ompany registere	ne new opera ed with the	ator above is state? (yes	not currently /no) If
John Com	- Indian and Codemal Hells ONLY	) The DIM has	boon conta	stad waarudi.	a thia abanga

4. (For Indian and Federal Hells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.

6. Cardex file has been updated for each well listed above.

fif 7. Well file labels have been updated for each well listed above.

8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.

9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

RATOR (	CHANGE WORKSHEET (CONTINUED) Init each item when completed. Write N/A item is not applicable.
TITY F	REVIEW
ε	Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) $\mu o$ (If entity assignments were changed, attach copies of form 6, Entity Action Form).
/A2. S	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
ND VER	RIFICATION (Fee wells only)
<b>/</b> 1. (	Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
A 2. A	copy of this form has been placed in the new and former operators' bond files.
fer d	he former operator has requested a release of liability from their bond (yes/no)  Today's date 19 If yes, division response was made by letter lated 19
/SE IN	ITEREST OHNER NOTIFICATION RESPONSIBILITY
A 1. ( n (5.5° p	Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
<u>2</u> 2. C	Copies of documents have been sent to State Lands for changes involving State leases.
LMING RL A	all attachments to this form have been microfilmed. Date: <u>Cetalue</u> 91980.
₹2. T	Copies of all attachments to this form have been filed in each well file.  The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator change file.
MENTS	
8-20-	-90 Earl Beecher Bhm Farmington Nm - No documentation as of yet.
8-29-	90 Farl Beecher I Blm Farmington Nm - No documentation as of yet. 90 Farl Beecher-Intermed me that these wells are under the jurisdiction of EPA.
(21	wells - 43-037-30511 (WIW) and 43-037-31144 (WDW) are still listed under MEPNA)
100920 1134-	le her DTS i. MEPHA telephone verilication (see phone doc.) ok to change (2) wells d above!
	•

Division of 011, Gas and Mining OPERATOR CHANGE HORKSHEET		$\searrow$	Routing:
Attach all documentation received by the divis Initial each listed item when completed. Writ	ion reyarding this change. e N/A if item is not applicab	le.	2- 3- 4-
xxChange of Operator (well sold)  Designation of Operator	□ Designatior of A □ Operator Name Ch		5 <u>-</u> 6 <u>-</u>
The operator of the well(s) listed be	low has changed (EFFECT	IVE DATE: 8-1-90	)
TO (new operator) GIANT EXPLOR. & PR	OD. CO. FROM (former	operator) PIONEER (address)	R OIL AND GAS
phone ( ) account no. <u>N 0075</u>		phone ( account	) no. <u>N</u> 3025
Hell(s) (attach additional page if needed):  CONTINUED Name: SENTINEL PEAK 27-32 (ISM) API: 430 Name: SENTINEL PEAK 27-33 (ISM) API: 430 Name: GOTHIC MESA 6-23 ( \( \beta \sigma \eta \right) \) API: 430 Name: GOTHIC MESA 6-34 ( \( \beta \sigma \right) \) API: 430 Name: GOTHIC MESA 7-21 ( \( \beta \sigma \right) \) API: 430 Name: GOTHIC MESA 7-41 ( \( \beta \sigma \right) \right) API: 430 Name: GOTHIC MESA 8-12 ( \( \beta \sigma \right) \right) API: 430 CONTINUED	3731029 Entity: 06025 3715039 Entity: 06008 3715034 Entity: 06008 3715036 Entity: 06008 3715032 Entity: 06008	Sec_27_Twp41sRng2: Sec_6_Twp41sRng2: Sec_6_Twp41sRng2: Sec_7_Twp41sRng2: Sec_7_Twp41sRng2:	6E Lease Type:INDIAN 6E Lease Type:INDIAN 3E Lease Type:INDIAN 3E Lease Type:INDIAN 3E Lease Type:INDIAN 3E Lease Type:INDIAN 3E Lease Type:INDIAN
OPERATOR CHANGE DOCUMENTATION			
1. (Rule R615-8-10) Sundry or operator (Attach to this form:	other <u>legal</u> documentat	ion has been red	ceived from <u>former</u>
2. (Rule R615-8-10) Sundry or ot (Attach to this form).	her <u>legal</u> documentation	has been received	from <u>new</u> operator
3. The Department of Commerce ha operating any wells in Utah. yes, show company file number	Is company registered	new operator above with the state?	ve is not currently (yes/no) If
4. (For Indian and Federal Well (attach Telephone Documentat comments section of this for changes should take place prior	ion Form to this repo m. Management review o	ort). Make note of <b>Federal and I</b> r	of BLM status in I <b>dian</b> well operator
5. Changes have been entered in listed above.	the Oil and Gas Informa	tion System (Wang	/IBM) for each well
6. Cardex file has been updated	for each well listed abo	ove.	
7. Well file labels have been up	dated for each wel' list	ted above.	
8. Changes have been included or for distribution to State Lan	n the monthly "Operator ds and the Tax Commissio	, Address, and Ac on.	count Changes" memo
9. A folder has been set up for placed there for reference du	the Operator Change fi ring routing and process	le, and a copy of sing of the origin	this page has been al documents.

PERATOR CHANGE HO	RKSHEET				Routing:	
attach all documentation initial each listed ite	on received by the division reg em when completed. Write N/A i	arding this change. f item is not applica	ble.		2 3- 4	
txChange of Operat ∃ Designation of C		□ Designation of □ Operator Name C			5 6-	
The operator of th	ne well(s) listed below h	as changed (EFFEC	TIVE DATE:		)	
TO (new operator) (address)	GIANT EXPLOR. & PROD. CO	FROM (former	operator) (address)		L AND GAS	
•	phone ( ) account no. N 0075			phone ( account no.	) _N 3025	
Name GOTHIC MESA Name GOTHIC MESA Name GOTHIC MESA Name NAVAJO 67-4 Name GOTHIC MESA Name GOTHIC MESA	tional page if needed):  8-33 (p <cp) (9-24)="" (pscp)="" 16-11="" 16-13aapi:="" 16-22="" 430371503="" 430371504="" 430371504<="" 43037164="" 43037314="" 8-42="" 9-13="" api:="" td="" unit=""><td>Entity: 06008 41 Entity: 06008 52 Entity: 99990 42 Entity: 06008 54(554) Entity: 06008</td><td>Sec_8_Tw  Sec_9_Tw  Sec_9_Tw  Sec_16_Tw  Sec_16_Tw </td><td>p<u>415</u>Rng23E [</td><td>Lease Type: Lease Type: Lease Type: Lease Type: Lease Type:</td><td>INDIAN INDIAN INDIAN INDIAN INDIAN</td></cp)>	Entity: 06008 41 Entity: 06008 52 Entity: 99990 42 Entity: 06008 54(554) Entity: 06008	Sec_8_Tw  Sec_9_Tw  Sec_9_Tw  Sec_16_Tw  Sec_16_Tw	p <u>415</u> Rng23E [	Lease Type: Lease Type: Lease Type: Lease Type: Lease Type:	INDIAN INDIAN INDIAN INDIAN INDIAN
OPERATOR CHANGE DO	OCUMENTATION			(1) (1)	₽.	
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2. (Rule R615- (Attach to	-8-10) Sundry or other <u>l</u> this form).	egal documentatio	n has been	received fr	om <u>new</u> ope	erator
operating	ment of Commerce has been any wells in Utah. Is company file number:	company registere	e new opera ed with the	ator above e state? (ye	is not curr es/no)	rently If
(attach Te	an and Federal Hells ONI elephone Documentation F section of this form. M ould take place prior to	form to this rep Management review	port). Mai of <b>Federa</b>	ke note of <b>1 and Indi</b> a	an well op	.u5 III
5. Changes ha listed abo	eve been entered in the O	il and Gas Inform	mation Syst	em (Wang/IB	M) for eac	h well
6. Cardex fil	e has been updated for ea	ach well listed a	bove.			
7. Well file	labels have been updated	for each well li	sted above.	•		
8. Changes ha for distri	ave been included on the bution to State Lands an	monthly "Operato d the Tax Commiss	or, Address ion.	, and Accou	nt Changes	" memo
9. A folder h	has been set up for the ere for reference during	Operator Change f routing and proce	ile, and a ssing of th	copy of th	is page ha documents.	s been

OPERATOR CHANGE H				3.1		Routi	ng:
Attach all documentati Initial each listed it	ion received by the division tem when completed. Write	on regarding t N/A if item i	his change. s not applica	ble.		2- 3- 4-	
<b>XX</b> Change of Opera □ Designation of	tor (well sold) Operator	□ Desi □ Oper	gnaticn of ator Name C	Agent Change Only		5- 6-	
TO (new operator)	he well(s) listed bel	. co. FF	nged (EFFEC		8-1-90 PIONEER OI		
	phone ( ) account no. N 0075				phone ( account no	) . <sub>N</sub> 302	25
Name GOTHIC MESA Name GOTHIC MESA Name GOTHIC MESA Name: Name **SENTINEL P	itional page if needed):  . 16-33 (psee) API: 4303; . 16-44 (psee) API: 4303; . 17-31 (psee) API: 4303; . API: 4305; . API	Ent 731144 Ent 730511 Ent	tity: 06008 tity: 06008 tity: 06008 tity: 06008 tity: 99998 tity: 05980 tity:	_ SecIW  _ Sec <u>27</u> Tw  _ Sec <u>28</u> Tw	0 Rng 0 41SRng26E 0 41SRng25E	Lease T Lease T	ype: ype: ype: INDIA
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2. (Rule R615	Attach to this form).  -8-10) Sundry or other this form).		cumentation	n has been	received f	rom <u>new</u>	<u>ı</u> operator
operating	ment of Commerce has any wells in Utah. company file number:	Is company	registere	e new opera d with the	itor above state? (y	is not es/no)	currently If
(attach To	an and Federal Hells elephone Documentation section of this form sould take place prion	on Form to . Manageme	this repent review	ort). Mak of <b>Federa</b> l	te note of I <mark>and Indi</mark> a	BLM an well	status in
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8. Changes ha for distri	ave been included on bution to State Lands	the monthl	y "Operator ax Commissi	, Address, on.	and Accou	nt Char	nges" memo
9. A folder h	has been set up for t	the Operato	r Charge fi	le, and a	copy of th	is page	e has been nts.

## DIVISION OIL, GAS AND MINING

	5. LEASE DESIGNATION & SERIAL NO.
•	14-20-603-700
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.	
Use "APPLICATION FOR PERMIT—" for such proposals.)	Navajo
	1. UNIT AUREEMENT NAME
WELL GAS Water Injection	8. FARM OR LEASE NAME
NAME OF OPERATOR	South East McElmo
Giant Exploration & Production Company	9. WELL NO.
. ADDRESS OF OPERATOR	28-23
2.0. Box 2810, Farmington, N.M. 87499  LOCATION OF WELL (Report location clearly and in accordance with any State requirements.	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.)	SouthEast McElmo
At surface 1654' FWL, 1761' FSL, Sec. 28, T41S, R25E	11. SEC., T., R., M., OR BLK. AND
At proposed prod. zone	SURVEY OR AREA
	Sec. 28, T41S, R25E
4. API NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY 13. STATE
43-037-30511 4571' GL	San Juan Utah
To Indianto Matura of Nation Papart or Ot	ther Data
FUDGE C	OUENT REPORT OF:
NOTICE OF INTENTION TO:	
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT  MULTIPLE COMPLETE  FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE SHOOTING OR ACIDIZING SHOOTING OR ACIDIZING Status	Report XX
REPAIR WELL CHANGE PLANS (Older Report results	of multiple completion on Well
(Other) Completion or Reco	mpletion Report and Log form.)
APPROX. DATE WORK WILL START DATE OF COMPLETION _	
	prize vertical depths for all markers and zon- ipanied by a cement verification repo
Annual Status Report	•
The South East McElmo Creek #28-23 is currently shut in.	It
is planned to return this well to injection pending a	
workover. A review of the well and all available workove	er
options is underway. This review period began after the	•
change in ownership.	
	DECIMENTED AND ADDRESS OF THE PROPERTY OF THE
·	APR 0 2 1992
	DIVISION CF
	DIVISION OF DIL GAS & MINING
	- ·
	- ·
18. I hereby certify that the for going is true and correct	OL GAS & MINING
18. I hereby certify that the foregoing is true and correct  TITLE Engineering Manager	
18. I hereby certify that the foregoing is true and correct  SIGNED	OL GAS & MINING
18. I hereby certify that the foregoing is tour and correct  TITLE Engineering Manager	OL GAS & MINING

## STATE OF UTAH DIVISION OF OIL, GAS AND MINING

Annual Status Repor	t:  McElmo #28-23 is curred for future use.	rface locations and measured and tru  * Must be accomp	NOF
Annual Status Repor  The Southeast being evaluate  18. I hereby certify that the forest signed	t:  McElmo #28-23 is curred for future use.	* Must be accomp  * Must be accomp  ntly shut-in. This we  FEB 0.2	DATE OF All markets and zon panied by a cement verification report of the second secon
Annual Status Repor  The Southeast being evaluate	t:  McElmo #28-23 is curred for future use.	* Must be accomp  * Must be accomp  ntly shut-in. This we  FEB 0.2	DATE OF All markets and zon panied by a cement verification report of the second secon
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Annual Status Repor	t:  McElmo #28-23 is curre	rface locations and measured and tru  * Must be accomp	ne vertical depths for all markers and zon
starting any proposed work. If pertinent to this work.)  Annual Status Repor	well is directionally drilled, give subsu	rface locations and measured and tru  * Must be accomp	ne vertical depths for all markers and zon
starting any proposed work, If a pertinent to this work.)	well is directionally drilled, give subsu	irface locations and measured and tru	ie vertical depths for all markers and Zor
starting any proposed work. If	OMPLETED OPERATIONS (Clearly well is directionally drilled, give subsu	irface locations and measured and tru	te vertical depths for all markers and zon
starting any proposed work. If	OMPLETED OPERATIONS (Clearly well is directionally drilled, give subsu	irface locations and measured and tru	ie vertical depths for all markers and Zon
starting any proposed work. If	OMPLETED OPERATIONS (Clearly well is directionally drilled, give subsu	state all pertinent details, and give por infact locations and measured and tru	ertinent dates, including estimated date to vertical depths for all markers and zon
7. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS (Clearly	state all pertinent details, and give p	ertinent dates, including estimated date
APPROX. DATE WORK WILL ST	CART	DATE OF COMPLETION	
(Other)		Completion or Recom	pletion Report and Log form.)
REPAIR WELL	CHANGE PLANS	(Other) Status Report XX (Note: Report results of multiple completion on Well	
SHOOT OR ACIDIZE	модиках	Status Reno	ABANDONMENT*
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
notice of in	itention to:	UPSEQU	JENT REPORT OF:
B. Chec	ck Appropriate Box To Indicate	Nature of Notice, Report or Oth	er Data
43-037-30511	15. ELEVATIONS (Show whether E KB 4585.6', GL 457		San Juan Utah
			Sec. 28, T41S, R25E
At proposed prod. zone	' FWL, 17 <b>6</b> 1' FSL, Sec.	28, T41S, R25E	
			11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA
See also space 17 below.) At surface			Southeast McElmo
	clearly and in accordance with any State rec	quirements.	10. FIELD AND POOL, OR WILDCAT
ADDRESS OF OPERATOR P.O. Box 2810, Farmi	ngton, N.M. 87499		28-23
Giant Exploration &	Production Company		9. WELL NO.
NAME OF OPERATOR	-		8. FARM OR LEASE NAME Southeast McElmo
WELL GAS WELL OTHER	XX Injection Well		
			7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)		ack to a different reservoir.	Navajo
(Do not use this form for pro	OTICES AND REPORTS (	ON WELLS	
(Do not use this form for pro			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for pro			14-20-603-700

# TE OF UTAH DIVISION OF OIL, GAS AND MINING

		•	5. Lease Designation and Serial Number: 14-20-603-700
SUNDRY NOTICES AND REPORTS ON WELLS		6. If Indian, Allottee or Tribe Name: Navajo Tribe	
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		7. Unit Agreement Name:	
1. Type of Well: OIL GAS	T. 4. 77 1.1		8. Well Name and Number: Southeast McElmo #28-23
2. Name of Operator: Giant Exploration	n & Production Company		9. API Well Number: 43-037-30511
3. Address and Telephone Number: P.O. Box 2810, F	armington, New Mexico 8	7499 (505)326-3325	10. Field and Pool, or Wildcat: Southeast McElmo
4. Location of Well	7.4.1 Par		County: San Juan
Footages: 1654' FWL, 1			State: Utah
QQ, Sec.,T.,R.,M.: Sec. 28,	T41S, R25E		State. Utali
11. CHECK APPR	OPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REP	ORT, OR OTHER DATA
	ICE OF INTENT bmit in Duplicate)		EQUENT REPORT hit Original Form Only)
☐ Abandonment	New Construction		☐ New Construction
Casing Repair	☐ Pull or Alter Casing	Casin J Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	□ Vent or Flare	☐ Fract∟re Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	Other	
Other			
		Date of work completion	
Approximate date work will star	t	Report results of Multiple Completions COMPLETION OR RECOMPLETION AI  * Must be accompanied by a cement ve	
DESCRIBE PROPOSED OR COMPLET     vertical depths for all markers and zone	ED OPERATIONS (Clearly state all pertinent details, as	and give pertinent dates. If well is directionally dri	illed, give subsurface locations and measured and true
		A Company of the Comp	market 1995 Till
See Attachment "	'A".	DEGELV	E .
		1111 110 5 199	<b>)4</b>
	•	DIV OF OIL, GAS &	MINING
		Donation should be a second	
•			
13. Name & Signature:	EM Stort	тые: Area Sog	ineerDEC 0 1 1994
Gregøyv_	E. McIntosh		
(This space for State use only)			

(See Instructions on Reverse Side)

### SouthEast McElmo Well No. 28-23

#### Attachment "A"

11/17/94 Set 30 sack (35.4 cuft) plug to cover Desert Creek.

11/18/94 Cut off tubing at 5232'. Set retainer at 5177'. Pumped 37 sacks (43.7 cuft) below retainer to cover Desert Creek perfs. Spotted 20 sacks (23.6 cuft) on top of retainer to cover Ismay top.

11/21/94 Set 18 sack (21.2 cuft) cement plug to cover Hermosa top. Perforated squeeze holes at 1448'. Set cement retainer at 1386'. Pumped 55 sacks (64.9 cuft) below retainer and spotted 25 sacks (29.5 cuft) on top of retainer to cover Chinle top and casing shoe. Perforated squeeze holes at 150'. Pumped 63 sacks (74.3 cuft) in casing and through Bradenhead. Cut off wellhead and installed dry hole marker.

Note: All cement will be Class B cement mixed at 15.8 ppg, 1.18 cuft/sk yield. 8.33 ppg plugging mud was used between cement plugs.

Note: All changes from intent sundry were approved by Wayne Townsend and Ron Snow on 11/18/94.

Casing remaining in hole:

Surface casing: 13-3/8", 48#, H-40 to 82'

Intermediate casing: 8-5/8", 24#, K-55 to 1398'

Production casing: 5-1/2", 14# & 15.5#, K-55 to 5480'

Tubing string: 2-7/8", 6.5# from 5282' to 5232'

BLM representative: Ron Snow and Herman Lujan

FORM 9 F OF UTAH  DIVISION OF OIL, GAS AND MINING	ECELVE	5. Lease Designation and Serial Number: $14-20-603-700$
SUNDRY NOTICES AND REPORTS ON  Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plu  Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such p	igged and abandoned wells 5 8 M///	6. It Indian, Allottee or Tribe Name:  Navajo  7. Unit Agreement Name:
1. Type of Well: OIL GAS OTHER: Injection Well		8. Well Name and Number: Southeast McElmo #28-23
2. Name of Operator: Giant Exploration & Production Company		9. API Well Number: 43-037-30511
3. Address and Telephone Number: P.O. Box 2810, Farmington, New Mexico 87499	(505)326-3325	10. Field and Pool, or Wildcat: Southeast McElmo
4. Location of Well Footages: 1654 'FWL, 1761 'FSL  QQ, Sec., T. R., M.: Sec. 28, T41S, R25E		County: San Juan State: Utah
	TUDE OF NOTICE BEDOE	T OR OTHER DATA

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA				
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)		
☐ Abandonment ☐ Casing Repair ☐ Change of Plans ☐ Conversion to Injection ☐ Fracture Treat ☐ Multiple Completion ☐ Other ☐ Approximate date work will start	☐ New Construction ☐ Pull or Alter Casing ☐ Recompletion ☐ Shoot or Acidize ☐ Vent or Flare ☐ Water Shut-Off	□ Abar donment * □ Casing Repair □ Charige of Plans □ Conversion to Injection □ Fracture Treat ☑ Other <u>Annual State</u> □ Date of work completion □ Report results of Multiple Completions and COMPLETION OR RECOMPLETION AND IT	nd Recompletions to different reservoirs on LOG form.	WELL

Annual Status Report:

The Southeast McElmo #28-23 was plugged and abandoned on 11/22/94.

13.	of 5 mittel	Title: Area Engi	neer Date: MAR 0 7 1995
Name & Signature:	Gregory E. McIntosh	Title: Area Engi	
		•	

<sup>12.</sup> DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)